

MOSA

WELDING • GENERATING • LIGHTING

POWER



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MOSA

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Engine Driven Welder

Magicweld 150 - Petrol

Key Features

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- High frequency control of welding current and voltage
- D.C. generator
- Chopped D.C. auxiliary current (safe for tools) - 110V
- Honda engine
- Engine shut-down (oil alert)
- MOSA power optimiser (patent pending)
- Auto idle
- Portable (34 Kg)
- Meets EC directives

D.C. Welding (Constant Current)

Current range, continuous	30 ÷ 150A
Duty cycle	150A - 60%
Open circuit voltage	67V

A.C. Generation - 50Hz - Permanent Magnet Alternator, Self-Exciting, Brushless

Single-phase power (max)	1.5 kW / 110V / 13.6A
Insulation class	H

Engine - Petrol, 4-Stroke, Ohv, Air Cooled

Model	Honda GX 200
Output *	4 kW (5.5 HP)
Cylinders / Displacement	1 / 196cm ³
Speed	4000 rpm
Fuel consumption (welding 60%)	1.1 l/h

* Maximum output (not overloadable) according to SAE J1349

General Specifications

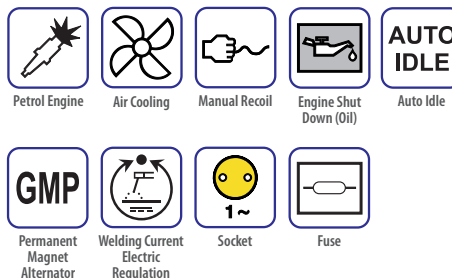
Tank capacity	3.1 litres
Running time (welding 60%)	3 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	420 x 360 x 480
Dry weight *	34 Kg
Acoustic power LwA (pressure LpA)	99 dB(A) (74 dB(A) @ 7m)

* Values shown do not include trolleys



Optional

- Welding parallel cables 35mm²
- Manual trolley CTM-MW
- Paralleling kit



Order Code: 35.22264

Engine Driven Welder

Magicweld 200 - Petrol

Key Features

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- High frequency control of welding current and voltage
- Single-phase, 50 Hz aux current, inverter generated - 110V
- Honda engine
- Engine shut-down (oil alert)
- MOSA Power optimiser (patent pending)
- Auto idle
- Protective frame
- Portable
- Meets EC directives

D.C. Welding (Constant Current)

Current range, continuous	20 ÷ 200A
Duty cycle	200A - 60%
Open circuit voltage	70V

A.C. Generation - 50Hz - Permanent Magnet Alternator, Self-Exciting, Brushless

Single-phase power (Continuous)	2.1 kVA (2.1 kW) / 110V / 18.2A
Insulation class	H

Engine - Petrol, 4-Stroke, Ohv, Air Cooled

Model	Honda GX 270
Output *	6.3 kW (8.5 HP)
Cylinders / Displacement	1 / 270cm ³
Speed	3600 rpm
Fuel consumption (welding 60%)	1.5 l/h

* Maximum output (not overloadable) according to SAE J1349

General Specifications

Tank capacity	5.3 litres
Running time (welding 60%)	3.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	630 x 490 x 540
Dry weight *	61 Kg
Acoustic power LwA (pressure LpA)	99 dB(A) (74 dB(A) @ 7m)

* Values shown do not include trolleys



Optional

- Welding cables: 35mm²
- Welding parallel cables 35mm²
- Remote control:
 - RC2 - RC2/90 (cable 20m)
 - TC7 (cable 20m)
- Manual trolley TRM-MW200 (no. 4 foldable handles)
- Manual trolley CTM-MW200

Version on Request

- Auxiliary output 230V c.a: 1 x 230V 16A



Petrol Engine



Air Cooling



Manual Recoil



Engine Shut Down (Oil)



Auto Idle



Permanent Magnet Alternator



Welding Current Electric Regulation



Socket



Electronic Protection Aux. Current



Ready for TC/RC

Order Code: 35.22251

Engine Driven Welder

Magicweld 200 YD - Recoil - Diesel

Key Features

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- High frequency control of welding current and voltage
- MOSA power optimizer (patent pending)
- Single-phase, 50 Hz aux current, inverter generated - 110V
- Protective frame
- Yanmar diesel engine
- Recoil starter
- Wheels and handles (optional)
- Meets EC directives

D.C. Welding (Constant Current)

Current range, continuous	20 ÷ 200A
Duty cycle	170A - 60%
Open circuit voltage	70V

A.C. Generation - 50Hz - Permanent Magnet Alternator, Self-Exciting, Brushless

Single-phase power	2.1 kVA (2.1 kW) /110V /19.1A
Insulation class	H

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Yanmar L70N
Output *	4.9 kW (6.7 HP)
Cylinders / Displacement	1 / 320cm ³
Speed	3600 rpm
Fuel consumption (welding 60%)	1.0 l/h

* Maximum output (not overloadable) according to SAE J1349

General Specifications

Tank capacity	3.3 litres
Running time (welding 60%)	3.3 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	630 x 490 x 540
Dry weight *	72 Kg
Acoustic power LwA (pressure LpA)	103 dB(A) (78 dB(A) @ 7m)

* Values shown do not include trolleys



Optional

- Welding cables: 35mm²
- Remote control:
 - RC2 - RC2/90 (cable 20m)
 - TC7 (cable 20m)
- Welding parallel cables 35mm²
- Manual trolley TRM-MW200 (n. 4 foldable handles)
- Manual trolley CTM-MW200

Version on Request

- Auxiliary output 230V c.a: 1 x 230V 16A



Diesel Engine



Air Cooling



Manual Recoil



Permanent Magnet Alternator



Welding Current Electric Regulation



Socket



Electronic Protection Aux. Current



Ready for TC/RC

Order Code: 35.22282

Engine Driven Welder

Magicweld 200 YDE - E/S - Diesel

Key Features

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- High frequency control of welding current and voltage
- Single-phase, 50 Hz aux current, inverter generated - 110V
- Yanmar diesel engine
- Electric starter
- Low oil pressure automatic engine shut down
- MOSA power optimiser (patent pending)
- Auto idle
- Protective frame
- Meets EC directives

D.C. Welding (Constant Current)

Current range, continuous	20 ÷ 200A
Duty cycle	170A - 60%
Open circuit voltage	70V

A.C. Generation - 50Hz - Permanent Magnet Alternator, Self-Exciting, Brushless

Single-phase power	2.1 kVA (2.1 kW) / 110V / 19.1A
Insulation class	H

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Yanmar L70N
Output *	4.9 kW (6.7 HP)
Cylinders / Displacement	1 / 320cm ³
Speed	3600 rpm
Fuel consumption (welding 60%)	1.0 l/h

* Maximum output (not overloadable) according to SAE J1349

General Specifications

Tank capacity	3.3 litres
Running time (welding 60%)	3.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	630 x 490 x 540
Dry weight *	91 Kg
Acoustic power LwA (pressure LpA)	103 dB(A) (78 dB(A) @ 7m)

* Values shown do not include trolleys

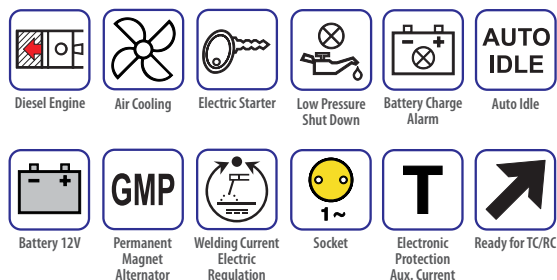


Optional

- Welding cables: 35mm²
- Remote control:
 - RC2 - RC2/90 (cable 20m)
 - TC7 (cable 20m)
- Welding parallel cables 35mm²
- Manual trolley TRM-MW200 (n. 4 foldable handles)
- Manual trolley CTM-MW200

Version on Request

- Auxiliary output 230V c.a: 1 x 230V 16A 2P + T CEE



Order Code: 35.22272

Engine Driven Welder

TS 200 BS/EL - Petrol

Key Features

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- A.C. generator, single-phase 230V/110V
- Aux power also available while welding
- Honda engine
- Ground fault interruptor
- Sockets: 1 x 230V 16A - 1 x 110V 32A - 1 x 110V 16A
- 12V battery booster
- Engine shut-down (oil alert)
- Protective frame
- Meets EC directives

D.C. Welding (Constant Current)

Current range, continuous	20 - 170A
Duty cycle	170A - 60%, 140A - 100%
Open circuit voltage	65V

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Single-phase power	4 kVA (3.2 kW) / 230V / 17.4A
Single-phase power	2 kVA (1.6 W) / 110V / 18.2A
Booster - Engine starting device	170A - 12V c.c. - 24V c.c.
Insulation class	H

Engine - Petrol, 4-Stroke, Ohv, Air Cooled

Model	Honda GX 390
Output*	8.2 kW (11.1 HP)
Cylinders / Displacement	1 / 389cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	2 l/h

* Maximum output (not overloadable) according to SAE J1349

General Specifications

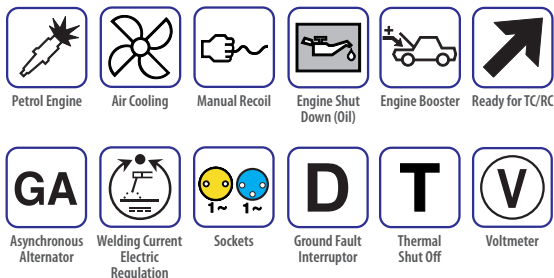
Tank capacity	6.1 litres
Running time (welding 60%)	3 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	870 x 525 x 590
Dry weight*	106 Kg
Acoustic power LwA (pressure LpA)	98 dB(A) (73 dB(A) @ 7m)

* Values shown do not include trolleys



Optional

- Kit exhaust extension
- Remote control:
 - TC2 (cable 20m)
 - TC2/50 (cable 50m)
- Earthing kit
- Welding cables: 35mm²
- Welding kit (mask, gloves, etc.)
- Manual trolley CTM200



Order Code: 35.23202

Engine Driven Welder

TS 200 DES/CF - Export - Diesel

Key Features

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Double welding output (20-100A / 90-190A)
- A.C. generator, 230V/110V
- Yanmar diesel engine
- Ground fault interruptor
- Sockets: 1 x 230V 16A - 1 x 110V 32A - 1 x 110V 16A
- Electric starter
- Protective frame
- Meets EC directives

D.C. Welding (Constant Current)

Current range, continuous	20 - 100A / 90 - 190A
Duty cycle	190A 35% - 160A 60% - 120A 100%
Open circuit voltage	98V

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Single-phase power	4 kVA (3.2 kW) / 230V / 21.7A
Single-phase power	2.5 kVA (2.0 kW) / 110V / 22.7A
Insulation class	H

Engine - Diesel, 4-Stroke, Ohv, Air Cooled

Model	Yanmar L 100 N
Output*	6.5 kW (8.8 HP)
Cylinders / Displacement	1 / 435cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	1 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

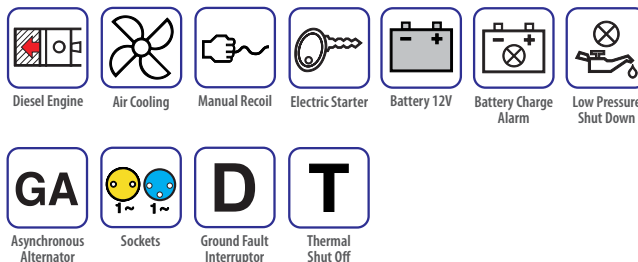
Tank capacity	5.5 litres
Running time (welding 60%)	5.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	900 x 550 x 620
Dry weight*	150 Kg
Acoustic power LwA (pressure LpA)	99 dB(A) (74 dB(A) @ 7m)

* Values shown do not include trolleys



Optional

- Welding cables: 35mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Manual trolley CTM6/2



Order Code: 35.27273PB

Engine Driven Welder

TS 250 KD/EL - Export - Diesel

Key Features

- Arc welding source in D.C. welding
- Electronic regulation of welding current
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interruptor
- Sockets: 1 x 400V 16A - 1 x 230V 16A - 1 x 48V 32A
- 12V battery booster
- Electric starter
- Protective frame
- Meets EC directives

D.C. Welding (Constant Current)

Current range, continuous	20A - 250A
Duty cycle	250A 35% - 200A 60%
Open circuit voltage	70V

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	6.5 kVA (5.2 kW) / 400V / 9.4A
Single-phase power	4.5 kVA (3.6 kW) / 230V / 19.5A
Single-phase power	2 kVA (1.6 kW) / 48V / 41.6A
Booster - Engine starting device	200A / 12V c.c. - 24V c.c.
Insulation class	H

Engine - Diesel, 4-Stroke, Ohv, Air Cooled

Model	KOHLER KD 477-2
Output*	14.9 kW (20.3 HP)
Cylinders / Displacement	2 / 954cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	1.7 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

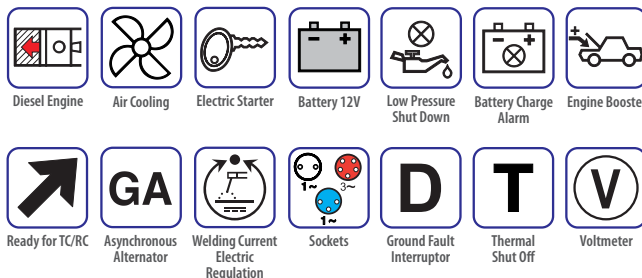
Tank capacity	9 litres
Running time (welding 60%)	5.3 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	1050 x 530 x 63
Dry weight*	200 Kg
Acoustic power LwA (pressure LpA)	103 dB(A)(78 dB(A) @ 7m)

* Values shown do not include trolleys



Optional

- Hours-meter



Order Code: 35.12030

Engine Driven Welder

CS 230 YSX-CC/CV Eco - Diesel

Key Features

- Arc welding source in D.C. welding
- SMAW: Shielded Metal Arc Welding (Stick)
- GTAW: Gas Tungsten Arc Welding (TIG)
- GMAW: Gas Metal Arc Welding (MIG)
- High frequency welding current and voltage control
- A.C. generator, single-phase 230V/110V
- Aux power also available while welding
- MOSA power optimiser (patent pending)
- Auto idle control
- Super silenced
- Large tank (23 litres) - 23 Hours
- Meets EC directives for noise and safety

C.C. Welding (Constant Current) SMAW (Stick)/GTAW (TIG)

Current range	20 ÷ 210A
Duty cycle	210A - 60%, 180A - 100%
Open circuit voltage	65V

C.C. Welding (Constant Current) GMAW (MIG)/FCAW (Flux Cored) CV (Constant Voltage)

Current range	15 ÷ 30V
Duty cycle	210A - 60%, 180A - 100%

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Single-phase power	5 kVA (4 kW) / 230V / 21.7A
Single-phase power	2.5 kVA (2.0 kW) / 110V / 22.7A
Insulation class	H

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Yanmar L 100 N
Output*	6.5 kW (8.8 HP)
Cylinders / Displacement	1 / 435cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	1.0 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

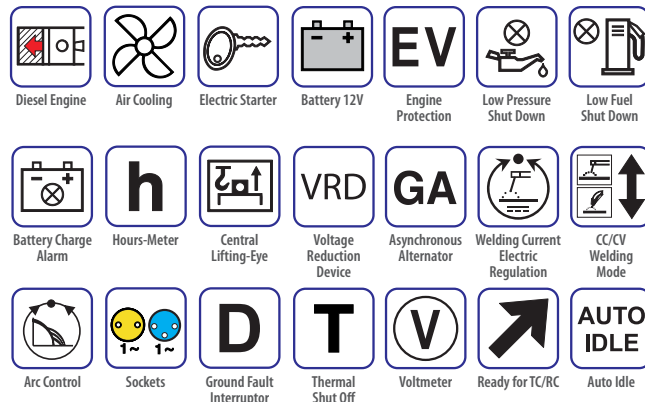
Tank capacity	23 litres
Running time (welding 60%)	23 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	1020 x 645 x 930
Dry weight*	230 Kg
Measured acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)	92 dB(A) (67 dB(A) @ 7m)

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.



Optional

- Wirefeeder WF4 (for MIG welding)
- Remote control: TC7
- Welding kit (mask, gloves, etc.)
- Welding cables
- Exhaust extension
- Spark arrestor
- Chalwyn valve
- Earthing kit
- Trolley CTM2
- Road trailer



Order Code: 35.37298CVE

Engine Driven Welder

TS 300 KSX/EL - Diesel

Key Features

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interruptor
- Sockets 1 x 400V 32A - 1 x 230V 32A - 2 x 110V 16A
- Auto idle control
- Electric starter
- Meets EC directives for noise and safety

D.C. Welding (Constant Current)

Current range, continuous	20A - 300A
Duty cycle	300A 60% - 250A 100%
Open circuit voltage	70V

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	10 kVA (8.0 kW) / 400V / 14.4A
Single-phase power	5 kVA (4.0 kW) / 230V / 21.7A
Single-phase power	2.5 kVA (2.0 kW) / 110V / 22.7A
Insulation class	H

Engine - Diesel, 4-Stroke, Ohv, Air Cooled

Model	KOHLER KD 477-2
Output*	14.9 kW (20.3 HP)
Cylinders / Displacement	2 / 954cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	2.5 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

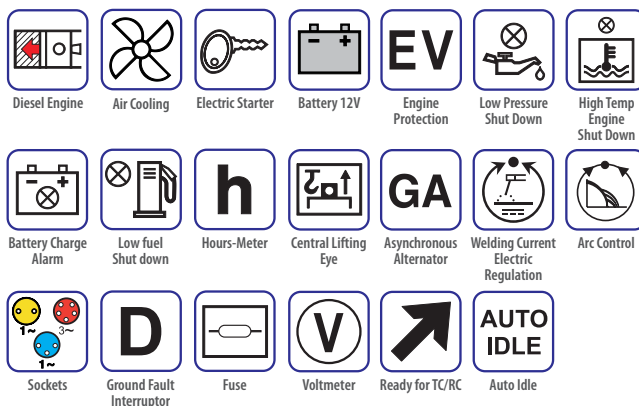
Tank capacity	23 litres
Running time (welding 60%)	9.2 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	1320 x 790 x 750
Dry weight*	375 Kg
Measured acoustic power LwA (pressure LpA)**	96 dB(A) (71 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	97 dB(A) (72 dB(A) @ 7m)

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.



Optional

- MIG wire feed system
- Tank locking cap
- Remote control:
 - TC2 (cable 20m)
 - TC2/50 (cable 50m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Manual trolley CTM300
- Site tow CTL300
- Road trailer
- Spark arrestor
- Chalwyn valve



Order Code: 35.37305

Engine Driven Welder

CS 350 KSX-CC/CV VRD - Diesel

Key Features

- Arc welding source in D.C. welding
- SMAW: Shielded Metal Arc Welding (Stick)
- GTAW: Gas Tungsten Arc Welding (TIG)
- GMAW: Gas Metal Arc Welding (MIG)
- High frequency welding current and voltage control
- A.C. generator, single-phase and three-phase
- Sockets 1 x 400V 32A - 1 x 110V 32A
1 x 110V 16A - 1 x 230V 16A
- Aux power also available while welding
- MOSA power optimiser (patent pending)
- Large tank (38 litres) - 15 hours
- Bunded base
- Auto idle control
- Emergency stop button
- Meets EC directives for noise and safety

D.C. Welding (Constant Current)

Current range	20 - 350A
Duty cycle	350A - 35%, 300A - 60%, 250A - 100%
Open circuit voltage	66V

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three - phase Power	10 kVA (8. kW) / 400V / 14.4A
Single-phase power	5 kVA (4. kW) / 230V / 21.7A
Single-phase power	2.5 kVA (2. kW) / 110V / 22.7A
Insulation class	H

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Kohler KD 477.2
Output*	14.9 kW (20.3 HP)
Cylinders / Displacement	2 / 954cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	2.5 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

Tank capacity	38 litres
Running time (welding 60%)	15.2 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	1230 x 690 x 925
Dry weight*	345 Kg
Measured acoustic power LwA (pressure LpA)**	95 dB(A) (70 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	95 dB(A) (70 dB(A) @ 7m)

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.



Optional

- Wire feed system WF4
- Remote control:
 - RC2 - RC2/90° (cable 20m)
 - TC7 (Cable 20m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Road trailer
- Spark arrestor
- Chalmers valve

Diesel Engine	Air Cooling	Electric Starter	Battery 12V	Fuel Level Gauge	Hours-Meter	Engine Protection
Oil Pressure Shut Down	High Temp Engine Shut Down	Shut Down Battery Charge	Low Fuel Shut Down	Asynchronous Alternator	Welding Current Electric Regulation	Arc Control
Sockets	Ground Fault Interruptor	Thermal Shut Off	Voltmeter	Emergency Stop Button	Ready for TC/RC	Central Lifting-Eye

**AUTO
IDLE**

Auto Idle

Order Code: 35.37321CV

Engine Driven Welder

TS 400 KSX/EL - Diesel

Key Features

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Sockets 1 x 400V 32A - 1 x 230V 32A - 1 x 32A 110V
- Ground fault interruptor
- Auto idle control
- Electric starter
- Meets EC directives for noise and safety

D.C. Welding (Constant Current)

Current range, continuous	20A - 400A
Duty cycle	400A 35% - 300A 100%
Open circuit voltage	70V

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	13 kVA (10.4 kW) / 400V / 18.7A
Single-phase power	7 kVA (5.6 kW) / 230V / 30.4A
Single-phase power	3.5 kVA (2.8 kW) / 110V / 31.8A
Insulation class	H

Engine - Diesel, 4-Stroke, Ohv, Air Cooled

Model	KOHLER KD 625/2
Output*	18.8 kW (25.5 HP)
Cylinders / Displacement	2 / 1248cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	3.2 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

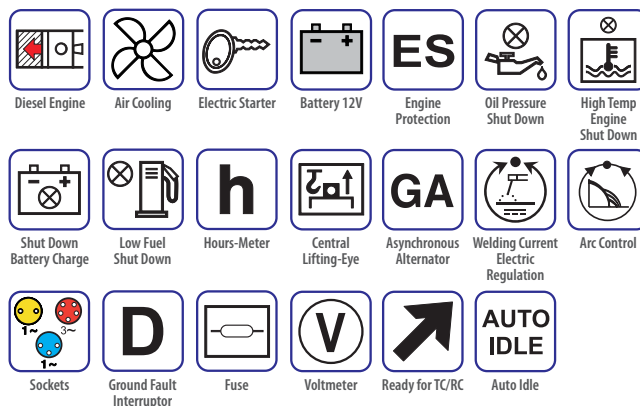
Tank capacity	26 litres
Running time (welding 60%)	8 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	1455 x 840 x 880
Dry weight*	465 Kg
Measured acoustic power LwA (pressure LpA)**	96 dB(A) (71 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	96 dB(A) (71 dB(A) @ 7m)

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.



Optional

- Tank locking cap
- Remote control:
 - TC2 (cable 20m)
 - TC2/50 (cable 50m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Road trailer
- Spark arrestor
- Chalwyn valve



Order Code: 35.37405

Engine Driven Welder

TS 400 PS-BC - Diesel

Key Features

- Arc welding source in D.C. welding
- Electronic regulation of welding current
- Welds any type of electrode, including cellulosic
- Special BC (Base Current) circuit for vertical-down pipe welding
- Double welding range (20A-200A/20A-400A)
- Arc gouging dedicated socket
- A.C. generator also available while welding
- Aux power also available while welding
- Ground fault interruptor
- Super silenced
- Meets EC directives for noise and safety

D.C. Welding (Constant Current)

Current range, continuous	20A - 400A
Duty cycle	400A 60% - 350A 100%
Open circuit voltage	70V

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	16 kVA (12.8 kW) / 400V / 23.1A
Single-phase power	12 kVA (9.6 kW) / 230V / 52.2A
Single-phase power	6 kVA (4.8 kW) / 110V / 54.4A
Insulation class	H

Engine - Diesel, 4-Stroke, Aspirated, Indirect Injection, Water Cooled

Model	Perkins 404A-22G1
Output*	20.3 kW (27.6 HP)
Cylinders / Displacement	4 / 2216cm ³
Speed	1500 rpm
Fuel consumption (welding 60%)	3.8 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

Tank capacity	60 litres
Running time (welding 60%)	16 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	1720 x 980 x 1110
Dry weight*	780 Kg
Measured acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	92 dB(A) (67 dB(A) @ 7m)

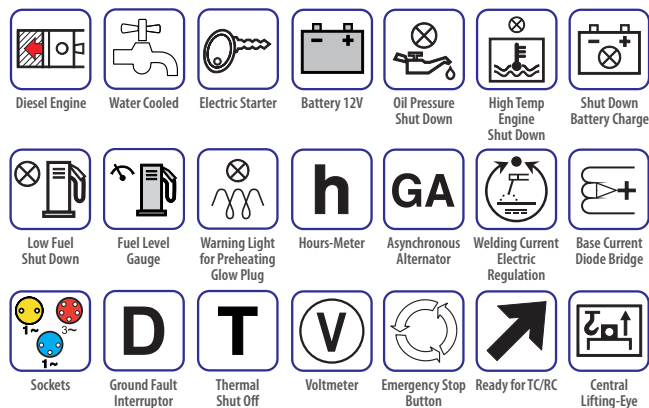
* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.

*** For fixed installation only in the EU market.



Optional

- Tank locking cap
- Remote control:
 - TC2 (cable 20m)
 - TC2/50 (cable 50m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Road trailer
- Spark arrestor
- Chalmers valve



Order Code: 35.76440

Engine Driven Welder

TS 600 PS-BC - Diesel

Key Features

- Arc welding source in D.C. welding
- Electronic regulation of welding current
- Welds any type of electrode, including cellulosic
- Special BC (Base Current) circuit for vertical-down pipe welding
- Double welding range (20A-200A/20A-600A)
- Arc gouging dedicated socket
- A.C. generator also available while welding
- Aux power also available while welding
- Ground fault interruptor
- Silenced
- Emergency stop button
- Meets EC directives for noise and safety

D.C. Welding (Constant Current)

Current range, continuous	20A - 600A
Duty cycle	600A 35% - 550A 60%-500A 100%
Open circuit voltage	75V

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	40 kVA (32 kW) / 400V / 57.7A
Single-phase power	15 kVA (12 kW) / 230V / 65.2A
Single-phase power	8 kVA (6.4 kW) / 110V / 31.8A
Insulation class	H

Engine - Diesel, 4-Stroke, Aspirated, Indirect Injection, Water Cooled

Model	Perkins 1103A - 33TG1
Output*	45.6 kW (62 HP)
Cylinders / Displacement	3 / 3300cm ³
Speed	1500 rpm
Fuel consumption (welding 60%)	6 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

Tank capacity	65 litres
Running time (welding 60%)	10.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	2030 x 870 x 1130
Dry weight*	1025 Kg
Acoustic power LwA (pressure LpA)	97 dB(A) (72 dB(A) @ 7m)

* Values shown do not include trolleys



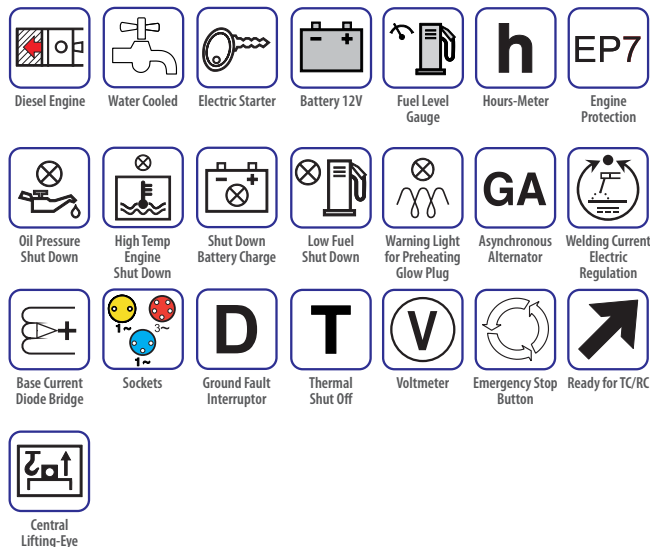
1500 RPM

Optional

- Tank locking cap
- Remote control:
 - RC2 - RC2/90° (cable 20m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Road trailer
- Spark arrestor
- Chalwyn valve

Optional (Factory Installed)

- Ammeter/Voltmeter welding
- Gauges - water temperature and oil pressure
- Spark arrestor
- Cold start aid
- Blow-by gases oil separator filter
- Oil drain pump



Order Code: 35.76605

Engine Driven Welder

DSP 400 YSX-CC/CV - Diesel

Key Features

- Arc multi-process welder:
 - SMAW: Shielded Metal Arc Welding (Stick)
 - GTAW: Gas Tungsten Arc Welding (TIG) - Contact starting
 - GMAW: Gas Metal Arc Welding (MIG)
 - FCAW: Flux Cored Arc Welding (Flux Cored)
- High frequency digital control of welding current and voltage
- Specific welding programs for cellulose electrodes
- Double welding range (HALF/FULL - 50%/100%)
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Bunded base
- Meets EC directives for noise and safety

C.C. Welding (Constant Current) SMAW (Stick)/GTAW (TIG)

Current range	10 - 400A
Duty cycle	400A - 35%, 350A - 60%, 300A - 100%
Open circuit voltage	65V

C.C. Welding (Constant Current) GMAW (MIG)/FCAW (Flux Cored) CV (Constant Voltage)

Current range	16 - 40V
Duty cycle	350A - 60%, 300A - 100%

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	12 kVA (9.6 kW) / 400V / 17.3A
Single-phase power	7 kVA (5.6 kW) / 230V / 30.4A
Single-phase power	3.5 kVA (2.8 kW) / 110V / 31.8A
Insulation class	H

Engine - Diesel, 4-Stroke, Direct Injection, Water Cooled

Model	Yanmar 3TNV76
Output*	16.5 kW (25.4 HP)
Cylinders / Displacement	3 / 1116cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	3.4 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

Tank capacity	45 litres
Running time (welding 60%)	13 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	1610 x 720 x 1110
Dry weight*	530 Kg
Measured acoustic power LwA (pressure LpA)**	92 dB(A) (67 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	93 dB(A) (68 dB(A) @ 7m)

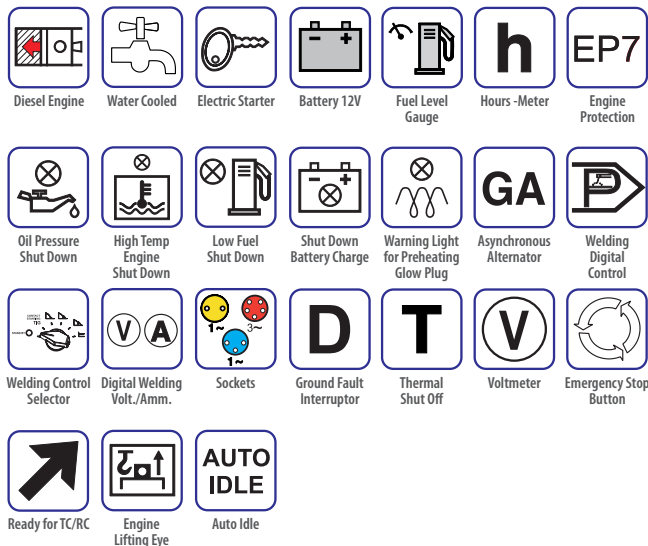
* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.

Order Code: 35.89400



Optional

- Wirefeeder WF4 (for MIG welding)
- Tank locking cap
- Remote control:
 - RC2 - RC2/90° (cable 20m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Road trailer
- Spark arrestor
- Chalwyn valve



Engine Driven Welder

DSP 500 PS-CC/CV - Diesel

Key Features

- Arc multi-process welder:
 - SMAW: Shielded Metal Arc Welding (Stick)
 - GTAW: Gas Tungsten Arc Welding (TIG) - Contact starting
 - GMAW: Gas Metal Arc Welding (MIG)
 - FCAW: Flux Cored Arc Welding (Flux Cored)
- High frequency digital control of welding current and voltage
- Specific welding programs for cellulose electrodes
- Double welding range (HALF/FULL - 50%/100%)
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Super silenced
- Meets EC directives for noise and safety

C.C. Welding (Constant Current) SMAW (Stick)/GTAW (TIG)

Current range	10 - 500A
Duty cycle	500A - 35%, 450A - 60%, 400A - 100%
Open circuit voltage	62V

C.C. Welding (Constant Current) GMAW (MIG)/FCAW (Flux Cored) CV (Constant Voltage)

Current range	16 - 40V
Duty cycle	450A - 60%, 400A - 100%

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	16 kVA (12.8 kW) / 400V / 23.1A
Single-phase power	12 kVA (9.6 kW) / 230V / 52.2A
Single-phase power	6 kVA (4.8 kW) / 110V / 54.5A
Insulation class	H

Engine - Diesel, 4-Stroke, Indirect Injection, Water Cooled

Model	Perkins 404D - 22G
Output*	20.3 kW (27.6 HP)
Cylinders / Displacement	4 / 2216cm ³
Speed	1500 rpm
Fuel consumption (welding 60%)	3.8 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

Tank capacity	60 litres
Running time (welding 60%)	16 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	1720 x 980 x 1110
Dry weight*	750 Kg
Measured acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	92 dB(A) (67 dB(A) @ 7m)

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.

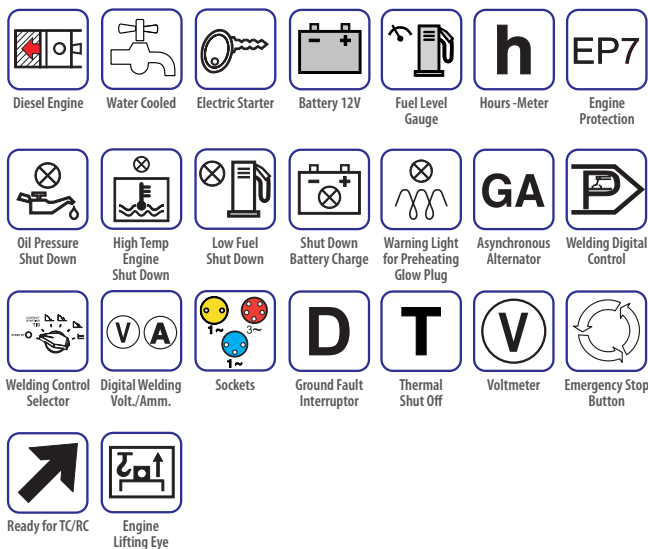
Order Code: **35.78510**



Optional

- Wirefeeder WF4 (for MIG welding)
- Tank locking cap
- Remote control:
 - RC2 - RC2/90° (cable 20m)
 - RC1 (for vers. PL - cable 20m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Road trailer
- Spark arrester
- Chalwyn valve

Version on Request: PL version: version with polarity change and VRD



Engine Driven Welder

DSP 600 PS-CC/CV - Diesel

Key Features

- Arc multi-process welder:
 - SMAW: Shielded Metal Arc Welding (Stick)
 - GTAW: Gas Tungsten Arc Welding (TIG) - Contact starting
 - GMAW: Gas Metal Arc Welding (MIG)
 - FCAW: Flux Cored Arc Welding (Flux Cored)
- High frequency digital control of welding current and voltage
- Specific welding programs for cellulose electrodes
- Double welding range (HALF/FULL - 50%/100%)
- Digital Ammeter/Voltmeter welding
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Meets EC directives for noise and safety

C.C. Welding (Constant Current) SMAW (Stick)/GTAW (TIG)

Current range	10 - 600A
Duty cycle	600A - 35%, 550A - 60%, 500A - 100%
Open circuit voltage	60V

C.C. Welding (Constant Current) GMAW (MIG)/FCAW (Flux Cored) CV (Constant Voltage)

Current range	16 - 40V
Duty cycle	550A - 60%, 550A - 100%

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	30 kVA (24 kW) / 400V / 43.3A
Single-phase power	15 kVA (12 kW) / 230V / 65.2A
Single-phase power	8 kVA (6.4 kW) / 110V / 72.7A
Insulation class	H

Engine - Diesel, 4-Stroke, Direct Injection, Water Cooled

Model	Perkins 1103A - 33G1
Output*	30.4 kW (41.3 HP)
Cylinders / Displacement	3 / 3300cm ³
Speed	1500 rpm
Fuel consumption (welding 60%)	5 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

Tank capacity	65 litres
Running time (welding 60%)	13 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	2030 x 870 x 1130
Dry weight*	1000 Kg
Measured acoustic power LwA (pressure LpA)**	94 dB(A) (69 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	95 dB(A) (70 dB(A) @ 7m)

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.

Order Code: 35.78613

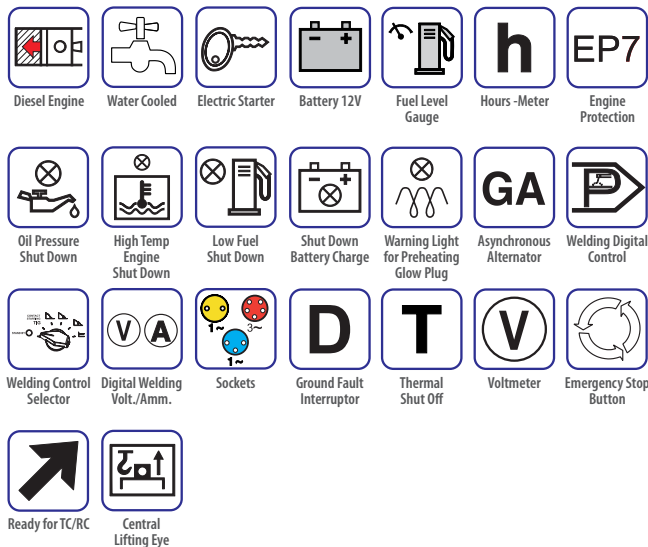


1500 RPM

Optional

- Wirefeeder WF4 (for MIG welding)
- Tank locking cap
- Remote control:
 - RC2 - RC2/90° (cable 20m)
 - RC1 (for vers. PL - cable 20m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Road trailer
- Spark arrester
- Chalwyn valve

Version on Request: PL version: version with polarity change



Engine Driven Welder

DSP 2X400 PSX-CC/CV - Diesel

Key Features

- Arc multi-process welder:
 - SMAW: wShielded Metal Arc Welding (Stick)
 - GTAW: Gas Tungsten Arc Welding (TIG) - Contact starting
 - GMAW: Gas Metal Arc Welding (MIG)
 - FCAW: Flux Cored Arc Welding (Flux Cored)
- Two independent welding positions to 400A
- High frequency digital control of welding current and voltage
- Specific welding programs for cellulose electrodes
- Double welding range (HALF/FULL - 50% / 100%)
- Aux power also available while welding
- Super silenced
- Meets EC directives for noise and safety



C.C. Welding (Constant Current) SMAW (Stick)/GTAW (TIG)

Current range	10 - 400A
Duty cycle	2 x 400A - 35%, 2 x 360A - 60%, 2 x 330A - 100%
Open circuit voltage	68V

C.C. Welding (Constant Current) GMAW (MIG)/FCAW (Flux Cored) CV (Constant Voltage)

Current range	16 - 36V
Duty cycle	2 x 360A - 60%, 2 x 330A - 100%

A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	40 kVA (32 kW) / 400V / 57.8A
Single-phase power	20 kVA (16 kW) / 230V / 87A
Insulation class	H

Engine - Diesel, 4-Stroke, Indirect Injection, Water Cooled

Model	Perkins 1103A-33TG1
Output*	45.6 kW (62 HP)
Cylinders / Displacement	3 / 3300cm ³
Speed	1500 rpm
Fuel consumption (welding 60%)	6.7 l/h

* Maximum output (not overloadable) according to ISO 3046-1

General Specifications

Tank capacity	102 litres
Running time (welding 60%)	15 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	2490 x 1030 x 1480
Dry weight*	1350 Kg
Measured acoustic power LwA (pressure LpA)**	89 dB(A) (64 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	90 dB(A) (65 dB(A) @ 7m)

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.

Order Code: 35.86680

Optional

- Wirefeeder WF4 (for MIG welding)
- Tank locking cap
- Remote control:
 - RC2 - RC2/90° (cable 20m)
 - RC1/90° (for vers. PL - cable 20m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Site tow (selectable height) CTLR45
- Road trailer

Optional (Factory Installed)

- Gauges - water temperature and oil pressure
- Main battery switch
- Spark arrestor
- Cold start aid
- Blow-by gases oil separator filter
- Oil drain pump

Version on Request: Auxiliary output 400Y/230/1/101 CTE:
 2 x 400V 32A 3P + N + T CEE 1 x 230V 32A 2P + T CEE 2 x 230V 16A 2P + T CEE
 1 x 110V 32A 2P + T CEE 2 x 110V 16A 2P + T CEE
 PL version: version with polarity change and VRD - Voltage reduction device

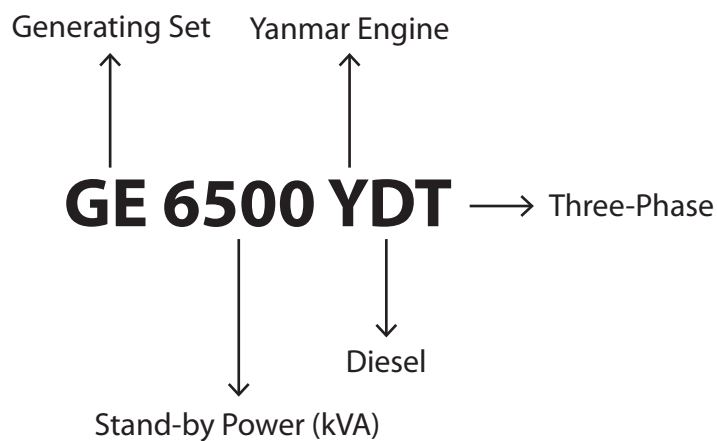
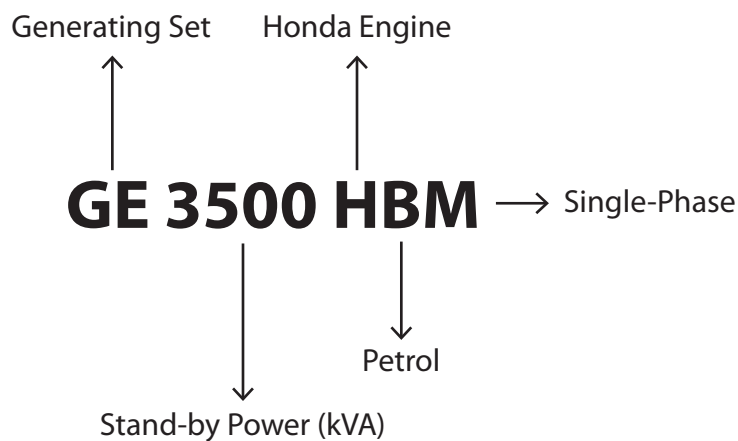
Diesel Engine	Water Cooled	Electric Starter	Battery 12V	Fuel Level Gauge	Hours-Meter	EP5 Engine Protection
Oil Pressure Shut Down	High Temp Engine Shut Down	Over Speed Shut Down	Low Fuel Shut Down	Shut Down Battery Charge	Asynchronous Alternator	Welding Digital Control
Welding Control Selector	Digital Welding Volt./Amm.	Sockets	Output 48V	Ground Fault Interruptor	Thermal Shut Off	Voltmeter
Emergency Stop Button	Ready for TC/RC	Central Lifting Eye				

MOSA

GENERATING SETS



Legend



Valid only for 3000 rpm Models

Generating Set

GI 2000 SX Inverter (2 x 13A) - Petrol

Key Features

- Honda GX petrol engine
- Engine shut down for low oil level
- Inverter power
- Automatic voltage regulator "AVR"
- Sockets: 2 x 230V 13A
- Overload warning light
- Battery charger 12V
- 10 hour fuel tank
- Portable
- EC noise compliant



A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by single-phase power *	1.7 kVA (1.7 kW) / 230V / 7.4A
PRP single-phase power *	1.5 kVA / 230V / 6.5A
Power factor (cos)	1
Battery charger	12V c.c. / 8.3A
Insulation class	H

On request other voltages and frequencies (60Hz)

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Air Cooled

Model	Honda GX 100
Output *	2.3 kW (3.1 HP)
Cylinders / Displacement	954cm ³
Speed	4500 rpm
Fuel consumption (75% of PRP)	0.75 l/h

* Maximum output (not overloadable) according to ISO 3046/1

General Specifications

Tank capacity	7.7 litres
Running time (75% Load)	10 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	560 x 340 x 415
Dry weight *	22 Kg
Noise level @ 7 metres	93 LwA 68 dB(A)

* Dimensions and weight (Kg) are inclusive of all parts without wheels and towbar

Optional

- Earthing kit
- Trolley CTM7/1 (4 wheels D 100mm)
- Trolley CTM7/3 (2 foldable handles and 2 wheels)
- Carrying kit TRM7 (4 folding handles)



Petrol Engine



Air Cooling



Manual Recoil



Engine Shut Down (Oil)



Permanent Magnet Alternator



2 x 13A Plug Sockets



Thermal Shut Off



Battery Charger



Automatic Voltage Reg.

Order Code: 35.35102

Generating Set

GE 2200 BI • GE 3000 BI - Petrol

Key Features

- Inverter generator supersilenced
- Automatic voltage regulator
- Engine shut down for low oil level (oil alert)
- Sockets: 2 x 230V 13A
- Overload shut off
- Battery charger with protection
- Power-smart function
- Meets EC directives

GE 2200 BI

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by single-phase power *	2.2 kVA (2.2 kW) / 230V / 8.7A
PRP single-phase power *	1.7 kVA / 230V / 7.4A
Power factor (cos)	1
Battery charger	12V c.c.
Insulation class	H

On request other voltages and frequencies (60Hz)

* Output power according to ISO 8528-1

General Specifications

Tank capacity	3.8 litres
Running time (75% Load)	6.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	520 x 350 x 430
Dry weight *	24 Kg
Measured acoustic power LwA (pressure LpA)*	67.4 dB(A) @ 7m
Guaranteed acoustic power LwA (pressure LpA)*	68 dB(A) @ 7m

* Dimensions and weight (Kg) are inclusive of all parts without wheels and towbar



GE 3000 BI

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by single-phase power *	3 kW / 230V / 13A
PRP single-phase power *	2.6 kVA / 230V / 11.3A
Power factor (cos)	1
Battery charger	12V c.c.
Insulation class	H

On request other voltages and frequencies (60Hz)

* Output power according to ISO 8528-1

General Specifications

Tank capacity	5.6 litres
Running time (75% Load)	10 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	660 x 350 x 530
Dry weight *	38 Kg
Measured acoustic power LwA (pressure LpA)*	68 dB(A) @ 7m
Guaranteed acoustic power LwA (pressure LpA)*	70 dB(A) @ 7m

* Dimensions and weight (Kg) are inclusive of all parts without wheels and towbar



c/w Integrated trolley with retractable handle

Generating Set

GE 3500 HBM - Petrol

Key Features

- Manual recoil
- Engine shut down for low oil level
- Sockets: 2 x 230V 16A
- Overload thermal shut off
- Battery charger 12V c.c with fuse protection
- Protective frame
- Silenced
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	3.2 kVA (2.9 kW) / 230V / 13.9A
PRP single-phase power *	2.9 kVA (2.6 kW) / 230V / 12.6A
Power factor (cos)	0.9
Battery charger	12V c.c
Insulation class	H

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Natural Aspirated

Model	Honda GX 200
Output *	3.7 kW (5 HP)
Cylinders / Displacement	1 / 196cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.1 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	3.1 litres
Running time (75% Load)	2.8 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	650 x 520 x 490
Dry weight	45 Kg
Measured acoustic power LwA (pressure LpA)*	95 dB(A) (70 dB(A)
Guaranteed acoustic power LwA (pressure LpA)*	96 dB(A) (71 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8
- 230V/110V



Petrol Engine



Air Cooling



Manual Recoil



Engine Shut Down (Oil)



Sockets 230V

Order Code: 35.CJ6G6010

Generating Set

GE 3500 KBM - Petrol

Key Features

- Manual recoil
- Engine shut down for low oil level
- Sockets: 2 x 230V 16A
- Overload thermal shut off
- Battery charger 12V c.c with fuse protection
- Protective frame
- Silenced
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	3.2 kVA (2.9 kW) / 230V / 13.9A
PRP single-phase power *	2.9 kVA (2.6 kW) / 230V / 12.6A
Power factor (cos)	0.9
Battery charger	12V c.c
Insulation class	H

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Natural Aspirated

Model	Kohler H 270 command pro
Output *	3.6 kW (4.9 HP)
Cylinders / Displacement	1 / 208cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.2 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	4 litres
Running time (75% Load)	3.3 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	650 x 520 x 490
Dry weight	44 Kg
Measured acoustic power LwA (pressure LpA)*	96 dB(A) (71 dB(A)
Guaranteed acoustic power LwA (pressure LpA)*	96 dB(A) (71 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8
- 230V/110V



Petrol Engine



Air Cooling



Manual Recoil



Engine Shut Down (Oil)



Sockets 230V & 100V

Order Code: 35.CJ6G5010

Generating Set

GE 5000 HBM - Petrol

Key Features

- Manual recoil
- Sockets: 2 x 230V 16A
- Overload thermal shut off
- Battery charger 12V c.c with fuse protection
- Protective frame
- Silenced
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	4.9 kVA (4.4 kW) / 230V / 21.3A
PRP single-phase power *	4 kVA (3.6 kW) / 230V / 17.4A
Power factor (cos)	0.9
Battery charger	12V c.c
Insulation class	H

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Natural Aspirated

Model	Honda GX 270
Output *	5.7 kW (7.7 HP)
Cylinders / Displacement	1 / 270cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.6 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	5.3 litres
Running time (75% Load)	3.3 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	650 x 520 x 490
Dry weight	56 Kg
Measured acoustic power LwA (pressure LpA)*	96 dB(A) (71 dB(A))
Guaranteed acoustic power LwA (pressure LpA)*	97 dB(A) (72 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8
- 230V/110V



Petrol Engine



Air Cooling



Manual Recoil



Sockets
230V

Order Code: 35.CJ8D7010

Generating Set

GE 5000 BBM - Petrol

Key Features

- Manual recoil
- Engine shut down for low oil level
- Sockets: 2 x 230V 16A
- Overload thermal shut off
- Battery charger 12V c.c with fuse protection
- Protective frame
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	5 kVA (4.5 kW) / 230V / 21.7A
PRP single-phase power *	4 kVA (3.6 kW) / 230V / 17.4A
Power factor (cos)	0.9
Battery charger	12V c.c
Insulation class	H

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Natural Aspirated

Model	B&S - XR1450
Output *	3.6 kW (4.9 HP)
Cylinders / Displacement	1 / 306cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.9 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	5.3 litres
Running time (75% Load)	2.8 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	650 x 520 x 490
Dry weight	57 Kg
Acoustic power LwA (pressure LpA)*	99 dB(A) (74 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8



Petrol Engine



Air Cooling



Manual Recoil



Engine Shut Down (Oil)



Sockets 230V

Order Code: 35.CJ8L0010

Generating Set

GE 7000 HBM - Petrol

Key Features

- Manual recoil
- Engine shut down for low oil level
- Sockets: 1 x 230V 16A - 1 x 230V 32A
- Circuit breaker
- Protective frame
- Silenced
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	6.7 kVA (6 kW) / 230V / 29.1A
PRP single-phase power *	5.5 kVA (5 kW) / 230V / 23.9A
Power factor (cos)	0.9
Insulation class	H

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Natural Aspirated

Model	Honda - GX 390
Output *	8.2 kW (11.1 HP)
Cylinders / Displacement	1 / 389cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.4 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	6.1 litres
Running time (75% Load)	2.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	770 x 650 x 520
Dry weight	76 Kg
Measured acoustic power LwA (pressure LpA)*	97 dB(A) (71 dB(A))
Guaranteed acoustic power LwA (pressure LpA)*	97 dB(A) (71 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8

Factory Installation Options

- ELCB-GFI (Ground Fault Interruptor)



Petrol Engine



Air Cooling



Manual Recoil



Sockets
230V

Order Code: 35.CK1D9000

Generating Set

GE 7000 BBM - Petrol

Key Features

- Manual recoil
- Engine shut down for low oil level
- Sockets: 1 x 230V 16A - 1 x 230V 32A
- Circuit breaker
- Protective frame
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	6.7 kVA (6 kW) / 230V / 29.1A
PRP single-phase power *	5.5 kVA (5 kW) / 230V / 23.9A
Power factor (cos)	0.9
Insulation class	H

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Natural Aspirated

Model	B&S - XR2100
Output *	8.1 kW (11 HP)
Cylinders / Displacement	1 / 420cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.7 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	6.6 litres
Running time (75% Load)	2.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	770 x 650 x 520
Dry weight	75 Kg
Measured acoustic power LwA (pressure LpA)*	99 dB(A) (74 dB(A))

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8

Factory Installation Options

- ELCB-GFI (Ground Fault Interruptor)



Petrol Engine



Air Cooling



Manual Recoil



Engine Shut Down (Oil)



Sockets 230V

Order Code: 35.CK1L1000

Generating Set

GE 8000 HBT - Petrol

Key Features

- Manual recoil
- Engine shut down for low oil level
- Sockets: 1 x 400V 16A - 1 x 230V 16A
- Circuit breaker
- Protective frame
- Silenced
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	8 kVA (6.4 kW) / 400V / 11.5A
PRP three-phase power *	7 kVA (5.6 kW) / 400V / 10.1A
PRP single-phase power *	4 kVA / 230V / 17.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Natural Aspirated

Model	Honda - GX 390
Output *	8.2 kW (11.1 HP)
Cylinders / Displacement	1 / 389cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.4 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	6.1 litres
Running time (75% Load)	2.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	770 x 650 x 520
Dry weight	80 Kg
Measured acoustic power LwA (pressure LpA)*	97 dB(A) (71 dB(A))
Guaranteed acoustic power LwA (pressure LpA)*	97 dB(A) (71 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8

Factory Installation Options

- ELCB-GFI (Ground Fault Interruptor)



Petrol Engine



Air Cooling



Manual Recoil



Sockets
230V & 400V

Order Code: **35.CK2D9001**

Generating Set

GE 8000 BBT - Petrol

Key Features

- Manual recoil
- Engine shut down for low oil level
- Sockets: 1 x 400V 16A - 1 x 230V 16A
- Circuit breaker
- Protective frame
- Silenced
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	8 kVA (6.4 kW) / 400V / 11.5A
PRP three-phase power *	7 kVA (5.6 kW) / 400V / 10.1A
PRP single-phase power *	4 kVA / 230V / 17.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Natural Aspirated

Model	B&S - XR2100
Output *	8.1 kW (11 HP)
Cylinders / Displacement	1 / 420cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.7 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	6.6 litres
Running time (75% Load)	2.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	770 x 650 x 520
Dry weight	79 Kg
Measured acoustic power LwA (pressure LpA)*	99 dB(A) (74 dB(A))

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8

Factory Installation Options

- ELCB-GFI (Ground Fault Interruptor)



Petrol Engine



Air Cooling



Manual Recoil



Engine Shut Down (Oil)



Sockets 230V & 400V

Order Code: 35.CK2L1000

Generating Set

GE 4000 KDM - Diesel

Key Features

- Manual recoil
- Sockets: 2 x 230V 16A
- Overload thermal shut off
- Battery charger 12V c.c with fuse protection
- Protective frame
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	4 kVA (3.3 kW) / 230V / 17.4A
PRP single-phase power *	3.7 kVA (3.3 kW) / 230V / 16A
Power factor (cos)	0.9
Battery charger	12V c.c
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Natural Aspirated

Model	Kohler - KD350
Output *	4.6 kW (6.3 HP)
Cylinders / Displacement	1 / 349cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.0 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	4.3 litres
Running time (75% Load)	4.3 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	650 x 520 x 490
Dry weight	64 Kg
Acoustic power LwA (pressure LpA)*	99 dB(A) (74 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8
- 230V/110V



Diesel Engine



Air Cooling



Manual Recoil



Sockets
230V

Order Code: 35.CJ7B0011

Generating Set

GE 6000 YDM - Diesel

Key Features

- Manual recoil
- Engine shut down for low oil level
- Sockets: 1 x 230V 16A - 1 x 230V 32A
- Circuit breaker
- Protective frame
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	5.7 kVA (5.1 kW) / 230V / 24.7A
PRP single-phase power *	5 kVA (4.5 kW) / 230V / 21.7A
Power factor (cos)	0.9
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Natural Aspirated

Model	Yanmar L 100 N
Output *	6.5 kW (8.8 HP)
Cylinders / Displacement	1 / 435cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.0 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	5.5 litres
Running time (75% Load)	5.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	770 x 650 x 520
Dry weight	93 Kg
Acoustic power LwA (pressure LpA)*	99 dB(A) (74 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8



Diesel Engine



Air Cooling



Manual Recoil



Engine Shut Down (Oil)



Sockets 230V

Order Code: 35.CJ9E5001

Generating Set

GE 6500 YDT - Diesel

Key Features

- Manual recoil
- Sockets: 1 x 230V 16A - 1 x 400V 16A
- Circuit breaker
- Protective frame
- Portable
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Output *	6.5 kVA (5.2 kW) / 400V / 9.3A
PRP three-phase power *	5.7 kVA (4.6 kW) / 400V / 8.2A
PRP single-phase power *	4 kVA / 230V / 17.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Natural Aspirated

Model	Yanmar L 100 N
Output *	6.5 kW (8.8 HP)
Cylinders / Displacement	1 / 435cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.0 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	5.5 litres
Running time (75% Load)	5.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)	770 x 650 x 520
Dry weight	97 Kg
Acoustic power LwA (pressure LpA)*	99 dB(A) (74 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Moving trolley CM8

Factory Installation Options

- ELCB-GFI (Ground Fault Interruptor)



Diesel Engine



Air Cooling



Manual Recoil



Sockets
230V & 400V

Order Code: 35.CK0E5000

Generating Sets

'S' Range Petrol & Diesel



Standard Features

- Silenced canopy
- Large 25 litre fuel tank & fuel gauge
- Single & three phase models
- Panel mounted sockets
- Petrol & diesel engines
- Recoil & electric start
- Digital hourmeter

Optional

- Trolley kit
- AVR (Automatic Voltage Regulator)
- AMF (Auto Mains Failure)

Single Phase Petrol & Diesel

Model	Power KVA / KW	Voltage	Engine
GE S-5000 HBM	4.9 / 4.4	230V	Honda GX270
GE S-5000 BBM	5 / 4.5	230V / 110V	B&S XR1450
GE S-5000 BBM E/S	5 / 4.5	230V	B&S XR1450 Electric Start
GE S-7000 HBM	6.7 / 6	230V / 110V	Honda GX390
GE S-7000 BBM	6.7 / 6	230V	B&S XR2100
GE S-7000 BBM E/S	6.7 / 6	230V	B&S XR2100 Electric Start
GE S-6000 YDM	6.7 / 6	230V	Yanmar L100 Recoil
GE S-6000 YDM E/S	6.7 / 6	230V	Yanmar L100 Electric Start

Three Phase Petrol & Diesel

Model	Power KVA / KW	Voltage	Engine
GE S-6500 YDT	6.5 / 4	400V / 230V	Yanmar L100 Recoil
GE S-6500 YDT E/S	6.5 / 4	400V / 230V	Yanmar L100 Electric Start
GE S-8000 HBT	8 / 4	400V / 230V	Honda GX390
GE S-8000 BBT	8 / 4	400V / 230V	B&S XR2100
GE S-8000 BBT E/S	8 / 4	400V / 230V	B&S XR2100 Electric Start

Generating Set

GE 12000 HBS - Petrol

Key Features

- Engine shut down for low oil level
- Sockets: 1 x 400V 32A - 1 x 230V 32A
1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Protective frame
- Meets EC directives

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by three-phase power *	13 kVA (10.4 kW) / 400V / 18.7A
PRP three-phase power *	11.5 kVA (9.2 kW) / 400V / 16.6A
PRP single-phase power *	6 kVA / 230V / 26A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Petrol, 4-Stroke, OHV, Air Cooled

Model	Honda GX 630
Output *	14.5 kW (19.7 HP)
Cylinders / Displacement	2 / 688cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	3.9 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	18 litres
Running time (75% Load)	4.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	935 x 525 x 645
Dry weight *	142 Kg
Noise level @ 7 metres**	99 LwA 74 dB(A)

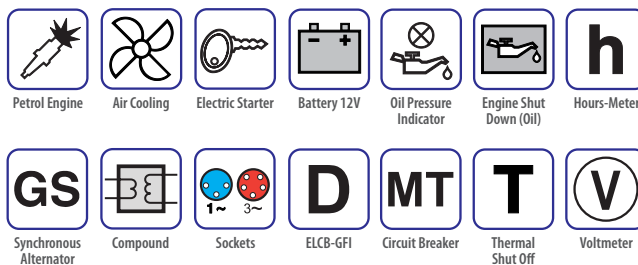
* Dimensions and weight (Kg) without trolley/trailer

** For fixed installation only in the EU market



Optional

- Earthing kit
- Trolley CTM10



Order Code: 35.25930

Generating Set

GE 12000 KD - Diesel

Key Features

- Electric starter
- Sockets: 1 x 400V 32A - 1 x 230V 32A
1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Protective frame
- Meets EC directives

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by three-phase power *	12 kVA (9.6 kW) / 400V / 17.3A
PRP three-phase power *	11 kVA (8.8 kW) / 400V / 15.9A
PRP single-phase power *	6 kVA / 230V / 26A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Kohler KD 425/2
Output *	11.5 kW (15.6 HP)
Cylinders / Displacement	2 / 851cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.2 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	18 litres
Running time (75% Load)	8.2 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1000 x 610 x 715
Dry weight *	162 Kg
Noise level @ 7 metres**	99 LwA 74 dB(A)

* Dimensions and weight (Kg) without trolley/trailer

** For fixed installation only in the EU market

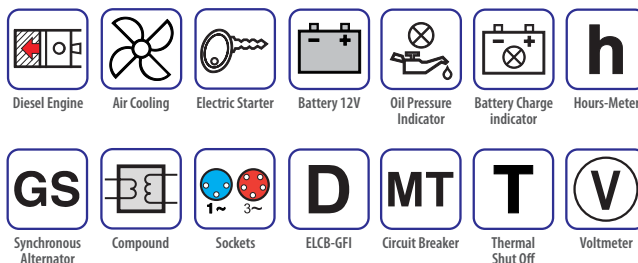


Version on Request

- Engine version with oil bath air filter and engine shut down for low oil level and high temperature

Optional

- Earthing kit
- Trolley CTM10



Order Code: 35.25950

Generating Set

GE 14000 KD - Diesel

Key Features

- Engine shut down for low oil pressure
- Sockets: 1 x 400V 32A - 1 x 230V 32A
1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Ready for connection to automatic transfer unit EAS
- Meets EC directives

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by three-phase power *	15 kVA (12 kW) / 400V / 21.7A
PRP three-phase power *	13.5 kVA (10.8 kW) / 400V / 19.5A
PRP single-phase power *	5 kVA / 230V / 21.7A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Kohler KD 477/2
Output *	14.9 kW (20.3 HP)
Cylinders / Displacement	2 / 954cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.8 l/h

* Power according to ISO 3046-1

General Specifications

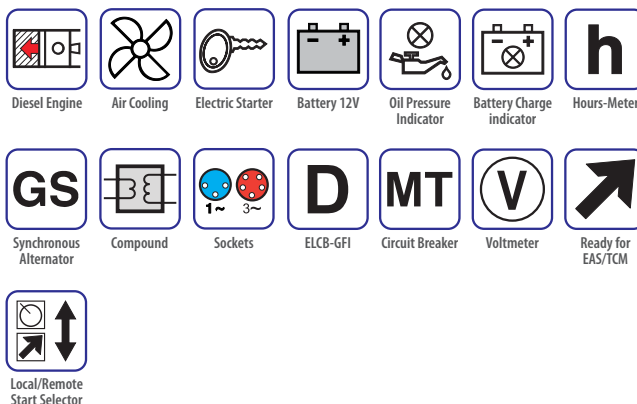
Tank capacity	18 litres
Running time (75% Load)	6.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1000 x 610 x 750
Dry weight *	191 Kg
Noise level @ 7 metres**	105 LwA 80 dB(A)

* Dimensions and weight (Kg) without trolley/trailer
** For fixed installation only in the EU market



Optional

- Earthing kit
- Trolley CTM14
- Remote control TCM6
- Automatic transfer unit (AMF) EAS 15-806



Order Code: 35.15926

Generating Set

GE 6000 SX - Diesel

Key Features

- Engine protection
- Electric starter
- Sockets: 230V/110V
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety
- Long run - 19 hours

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by single-phase power *	5.7 kVA (5.1 kW) / 230V / 24.8A
PRP single-phase power *	5 kVA (4.5 kW) / 230V / 21.7A
Stand-by single-phase power	5.7 kVA (5.1 kW) / 115V / 24.8A
PRP single-phase power	5 kVA (4.5 kW) / 115V / 21.7A
Power factor (cos)	0.9
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Yanmar L 100 N
Output *	6.5 kW (8.8 HP)
Cylinders / Displacement	1 / 435cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.2 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	23 litres
Running time (75% Load)	19 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1020 x 645 x 930
Dry weight *	206 Kg
Measured acoustic power LwA (pressure LpA)**	92 dB(A) (67 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	93 dB(A) (68 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

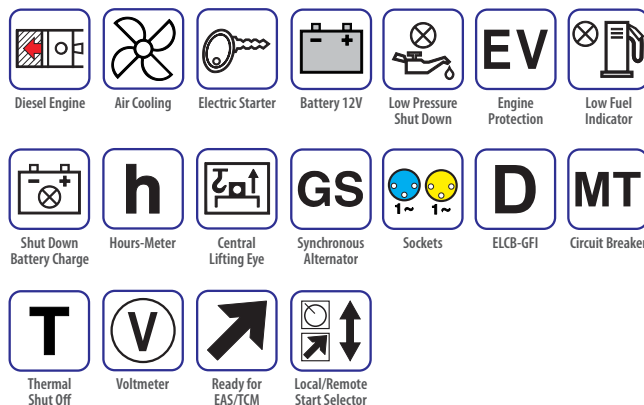


Optional

- Automatic transfer unit (AMF) EAS 15-806
- Remote control TCM6
- Exhaust extension
- Earthing kit
- Trolley CTM2
- Road trailer

Version on Request

- AVR (Automatic voltage regulator)
- 230V only



Order Code: 35.35641

Generating Set

GE 12000 KSX - Diesel

Key Features

- Engine protection ES
- Sockets: 1 x 230V 32A - 1 x 230V 16A
2 x 110V 32A - 2 x 110V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by single-phase power *	13.5 kVA (12.1 kW) / 230V / 58.7A
PRP single-phase power *	12 kVA (10.8 kW) / 230V / 52.5A
Stand-by single-phase power **	13.5 kVA (12.1 kW) / 115V / 117.4A
PRP single-phase power **	12 kVA (10.8 kW) / 115V / 104.4A
Power factor (cos)	0.9
Insulation class	H

* Output power according to ISO 8528-1

** Not ready for connection to automatic transfer unit EAS/ without automatic voltage regulator AVR

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Kohler KD 477-2
Output *	14.9 kW (20.3 HP)
Cylinders / Displacement	2 / 954cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.8 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	23 litres
Running time (75% Load)	8.2 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1320 x 790 x 750
Dry weight *	297 Kg
Noise level @ 7 metres**	96 LwA 71 dB(A)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

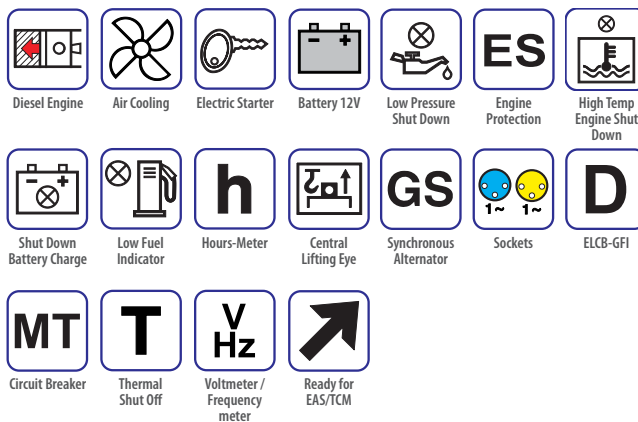
- Locking fuel cap
- Earthing kit
- Trolley CTM300
- Site tow CTL300
- Road trailer

Version on Request

- AVR - 230V only

Factory Installation Options

- Oil heater



Order Code: 35.35932

Generating Set

GE 12000 KSX-AVR - Diesel

Key Features

- Engine protection ES
- Automatic voltage regulator (AVR)
- Sockets: 1 x 230V 63A - 1 x 230V 32A
1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directive for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by single-phase power *	13.5 kVA (12.1 kW) / 230V / 58.7A
PRP single-phase power *	12 kVA (10.8 kW) / 230V / 52.5A
Power factor (cos)	0.9
Insulation class	H

* Output power according to ISO 8528-1

** Not ready for connection to automatic transfer unit EAS/ without automatic voltage regulator AVR

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Kohler KD 477-2
Output *	14.9 kW (20.3 HP)
Cylinders / Displacement	2 / 954cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.8 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	23 litres
Running time (75% Load)	8.2 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1320 x 790 x 750
Dry weight *	297 Kg
Noise level @ 7 metres**	96 LwA 71 dB(A)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

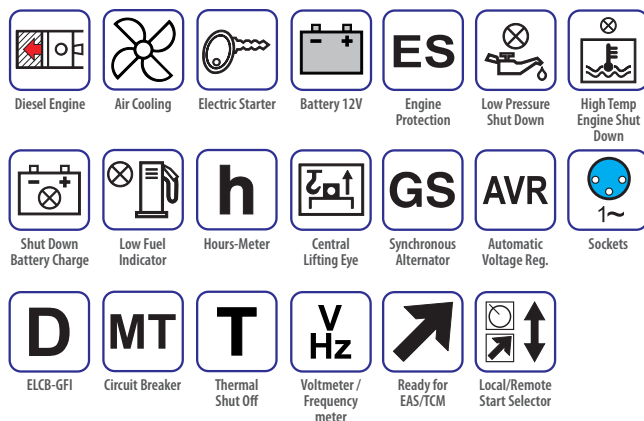
- Remote control TCM22
- Earthing kit
- Trolley CTM300
- Automatic transfer unit (AMF) EAS 15-806
- Locking fuel cap
- Site tow CTL300
- Road trailer

Version on Request

- Version 230V/115V

Factory Installation Options

- Oil heater



Order Code: 35.35934

Generating Set

GE 6500 SX - Diesel

Key Features

- Engine protection EV
- Electric starter
- Sockets: 1 x 400V 16A - 1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- Bundled base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by three-phase power *	6.5 kVA (5.2 kW) / 400V / 9.4A
PRP three-phase power *	5.7 kVA (4.6 kW) / 400V / 8.2A
PRP single-phase power *	4 kVA / 230V / 17.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Yanmar L 100 N
Output *	6.5 kW (8.8 HP)
Cylinders / Displacement	1 / 435cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.2 l/h

* Power according to SAE J1349

General Specifications

Tank capacity	23 litres
Running time (75% Load)	19 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1020 x 645 x 930
Dry weight *	206 Kg
Measured acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	92 dB(A) (67 dB(A) @ 7m)

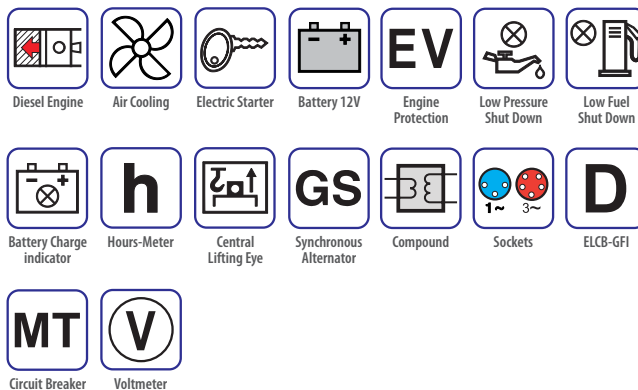
* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

- Remote control TCM6
- Earthing kit
- Exhaust extension
- Trolley CTM2
- Road trailer
- Automatic transfer unit (AMF) EAS 15-806



Order Code: 35.35645

Generating Set

GE 7554 YSX-AVR IP67 - Diesel

Key Features

- Engine protection EV
- Electric starter
- Automatic voltage regulator (AVR)
- Sockets: 1 x 400V 16A IP 67 - 2 x 230V 16A
- Isometer
- Circuit breaker
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by three-phase power *	7 kVA (5.6 kW) / 400V / 10.1A
PRP three-phase power *	6 kVA (4.8 kW) / 400V / 8.7A
Battery charger c.c.	5 kVA / 230V / 21.7A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Yanmar L 100 N
Output *	6.5 kW (8.8 HP)
Cylinders / Displacement	1 / 435cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	1.2 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	23 litres
Running time (75% Load)	19 hours
IP protection degree	IP 54
Dimensions LxWxH (mm) *	1020 x 645 x 930
Dry weight *	215 Kg
Measured acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	92 dB(A) (67 dB(A) @ 7m)

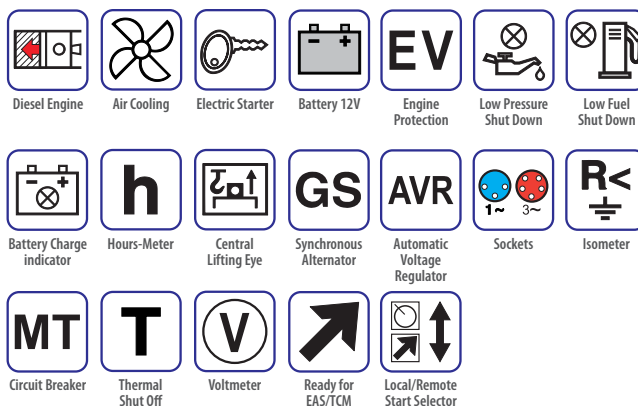
* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

- Remote control TCM6
- Earthing kit
- Exhaust extension
- Trolley CTM2
- Road trailer
- Automatic transfer unit (AMF) EAS 15-806



Order Code: 35.35649

Generating Set

GE 14000 KSX - Diesel

Key Features

- Engine protection ES
- Sockets: 1 x 400V 32A - 1 x 400V 16A
1 x 230V 32A - 1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by three-phase power *	15 kVA (12 kW) / 400V / 21.7A
PRP three-phase power *	13.5 kVA (10.8 kW) / 400V / 19.5A
PRP single-phase power *	5 kVA / 230V / 21.7A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Kohler KD 477-2
Output *	14.9 kW (20.3 HP)
Cylinders / Displacement	2 / 954cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.8 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	23 litres
Running time (75% Load)	8.2 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1320 x 790 x 750
Dry weight *	315 Kg
Noise level @ 7 metres**	96 dB(A) 71 dB(A)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

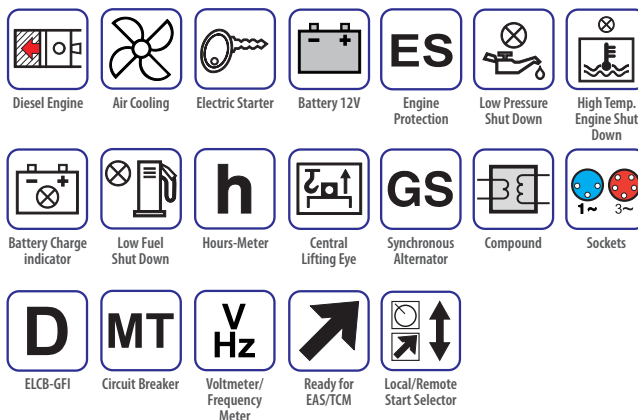
- Remote control TCM22
- Earthing kit
- Exhaust extension
- Automatic transfer unit (AMF) EAS 17-809
- Locking fuel cap
- Trolley CTM300
- Site tow CTL300
- Road trailer

Version on Request

- AVR

Factory Installation Options

- Oil heater



Order Code: 35.35936

Generating Set

GE 14000 KSX-AVR - Diesel

Key Features

- Engine protection ES
- Automatic voltage regulator (AVR)
- Sockets: 1 x 400V 32A - 1 x 400V 16A
1 x 230V 32A - 1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by three-phase power *	15 kVA (12 kW) / 400V / 21.7A
PRP three-phase power *	13.5 kVA (10.8 kW) / 400V / 19.5A
Battery charger c.c.	5 kVA / 230V / 21.7A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Kohler KD 477-2
Output *	14.9 kW (20.3 HP)
Cylinders / Displacement	2 / 954cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	2.8 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	23 litres
Running time (75% Load)	8.2 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1320 x 790 x 750
Dry weight *	315 Kg
Noise level @ 7 metres**	96 dB(A) 71 dB(A)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

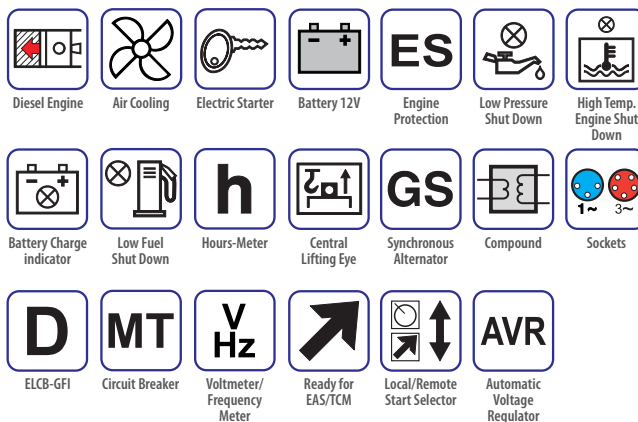


Optional

- Remote control TCM22
- Earthing kit
- Exhaust extension
- Automatic transfer unit (AMF) EAS 17-809
- Locking fuel cap
- Trolley CTM300
- Site tow CTL300
- Road trailer

Factory Installation Options

- Oil heater



Order Code: 35.35939

Generating Set

GE 14000 YSX Water Cooled - Diesel

Key Features

- Water cooling
- Engine protection EP6
- Sockets: 1 x 400V 32A - 1 x 400V 16A
1 x 230V 32A - 1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by three-phase power *	14 kVA (11.2 kW) / 400V / 20.2A
PRP three-phase power *	13 kVA (10.4 kW) / 400V / 18.8A
PRP single-phase power *	5 kVA / 230V / 21.7A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Water Cooled

Model	Yanmar 3 TNV 70
Output *	13.3 kW (18.1 HP)
Cylinders / Displacement	3 / 854cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	3.3 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	30 litres
Running time (75% Load)	9 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1460 x 700 x 920
Dry weight *	390 Kg
Measured acoustic power LwA (pressure LpA)**	94 dB(A) (69 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	96 dB(A) (71 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

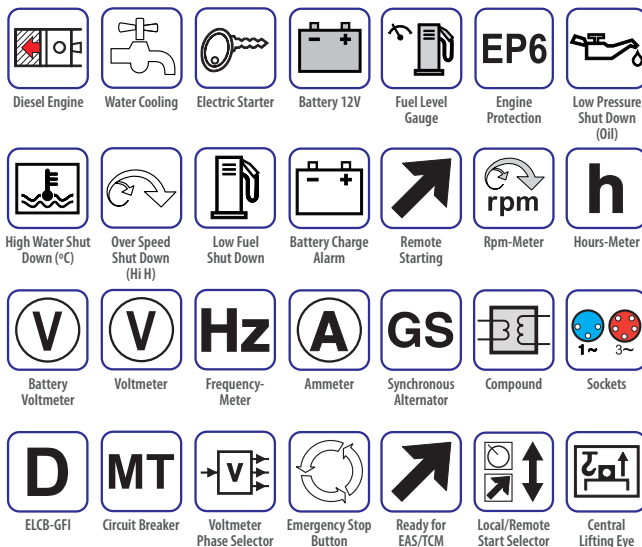


Optional

- Remote control
- Earthing kit
- Automatic transfer unit (AMF) EAS 17-809
- Locking fuel cap
- Site tow CTL300
- Road trailer

Factory Installation Options

- Water heater WH



Order Code: 35.75115

Generating Set

GE 20000 KS - Diesel

Key Features

- Engine protection ES
- Sockets: 1 x 400V 32A - 2 x 230V 32A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Overload thermal shut off
- Ready for connection to automatic transfer unit EAS
- Meets EC directives

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by three-phase power *	20 kVA (16 kW) / 400V / 28.9A
PRP three-phase power *	18 kVA (14.4 kW) / 400V / 26A
PRP single-phase power *	9 kVA / 230V / 39.1A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Direct Injection, Air Cooled

Model	Kohler KD 625/2
Output *	18.8 kW (25.5 HP)
Cylinders / Displacement	2 / 1248cm ³
Speed	3000 rpm
Fuel consumption (75% of PRP)	4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	26 litres
Running time (75% Load)	6.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1455 x 840 x 880
Dry weight *	420 Kg
Noise level @ 7 metres**	99 LwA 74 dB(A)

* Dimensions and weight (kg) without trolley/trailer

** For fixed installation only in the EU market






















Optional

- Remote control TCM22
- Earthing kit
- Automatic transfer unit (AMF) EAS 28-809
- Locking fuel cap
- Site tow CTL400
- Road trailer

Factory Installation Options

- Oil heater

 Diesel Engine	 Air Cooling	 Electric Starter	 Battery 12V	 ES Engine Protection	 Low Pressure Shut Down	 High Temp. Engine Shut Down
 Battery Charge indicator	 Low Fuel Shut Down	 h Hours-Meter	 Central Lifting Eye	 GS Synchronous Alternator	 Compound	 Sockets
 MTD ELCB-GFI Circuit Breaker	 T Thermal Shut Off	 V Hz Voltmeter/Frequency Meter	 Ready for EAS/TCM	 Local/Remote Start Selector		

Order Code: 35.25030

Generating Set

GE 8 YSXC - Diesel

Key Features

- Engine protection EP6
- Sockets: 1 x 230V 32A - 2 x 230V 16A
1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Stand-by single-phase power *	8 kVA (7.2 kW) / 400V / 34.8A
PRP single-phase power *	7.5 kVA (6.7 kW) / 400V / 32.6A
Power factor (cos)	0.9
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Indirect Injection, Water Cooled

Model	Yanmar 3TNV76
Output *	9 kW (12.2 HP)
Cylinders / Displacement	3 / 1116cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	1.8 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	30 litres
Running time (75% Load)	16.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1460 x 700 x 920
Dry weight *	395 Kg
Measured acoustic power LwA (pressure LpA)**	87 dB(A) (62 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	88 dB(A) (63 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

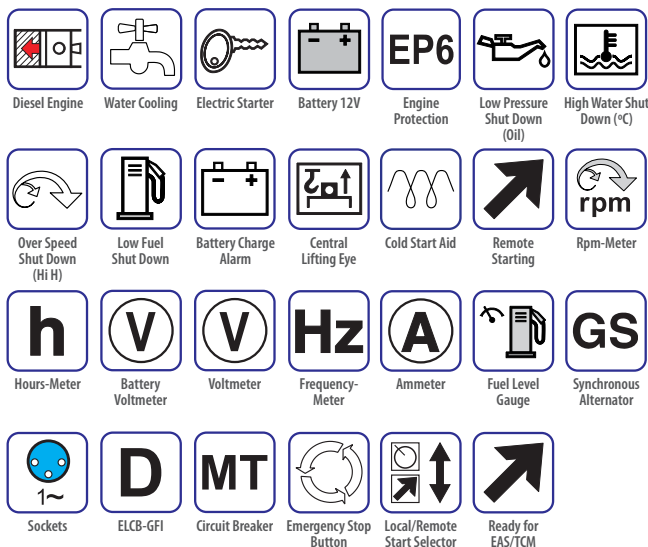


Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 17-809
- Locking fuel cap
- Site tow CTL300
- Road trailer

Factory Installation Options

- Water heater WH



Order Code: 35.74900

Generating Set

GE 10 YSXC - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 16A - 2 x 230V 16A - 1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	9.5 kVA (7.6 kW) / 400V / 13.7A
PRP three-phase power *	9 kVA (7.2 kW) / 400V / 13A
PRP single-phase power *	4.5 kVA / 230V / 19.5A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Indirect Injection, Water Cooled

Model	Yanmar 3TNV76
Output *	9 kW (12.2 HP)
Cylinders / Displacement	3 / 1116cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	1.8 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	30 litres
Running time (75% Load)	16.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1460 x 700 x 920
Dry weight *	410 Kg
Measured acoustic power LwA (pressure LpA)**	87 dB(A) (62 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	88 dB(A) (63 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC
































Optional

- Automatic transfer unit (AMF) EAS 17-809
- Earthing kit
- Remote control TCM35
- Locking fuel cap
- Site tow CTL300
- Road trailer

Factory Installation Options

- Water heater WH
- Radio control

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (+C)
 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 Central Lifting Eye	 Cold Start Aid	 Remote Starting	 Rpm-Meter
 Hours-Meter	 Battery Voltmeter	 Voltmeter	 Hz Frequency-Meter	 A Ammeter	 Fuel Level Gauge	 GS Synchronous Alternator
 AVR + Compound (Automatic Voltage Reg.)	 Sockets	 ELCB-GFI	 D MT Circuit Breaker	 V Voltmeter Phase Selector	 Emergency Stop Button	
 Local/Remote Start Selector	 Ready for EAS/TCM					

Order Code: 35.74905

Generating Set

GE 15 YSXC - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 32A - 1 x 400V 16A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	15 kVA (12 kW) / 400V / 21.6A
PRP three-phase power *	14 kVA (11.2 kW) / 400V / 20.2A
PRP single-phase power *	6.5 kVA / 230V / 28.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Indirect Injection, Water Cooled

Model	Yanmar 3TNV88
Output *	13.6 kW (18.5 HP)
Cylinders / Displacement	3 / 1642cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	2.6 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	60 litres
Running time (75% Load)	23 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1720 x 980 x 1110
Dry weight *	565 Kg
Measured acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	92 dB(A) (67 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

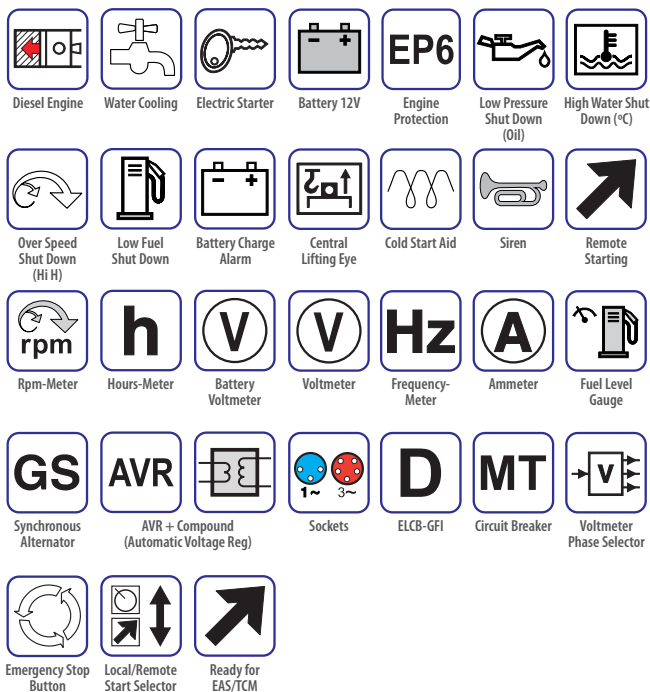


Optional

- Automatic transfer unit (AMF) EAS 17-809
- Earthing kit
- Remote control TCM35
- Locking fuel cap
- Site tow CTL22
- Road trailer

Factory Installation Options

- Water heater WH
- Radio control
- Isometer
- Gauges - water temp & oil press
- Spark arrestor



Order Code: 35.74910

Generating Set

GE 20 YSXC - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 32A - 1 x 400V 16A
3 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	20 kVA (16 kW) / 400V / 28.9A
PRP three-phase power *	18 kVA (14.4 kW) / 400V / 26A
PRP single-phase power *	7 kVA / 230V / 30.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Indirect Injection, Water Cooled

Model	Yanmar 4TNV88
Output *	18 kW (24.5 HP)
Cylinders / Displacement	4 / 2190cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	3.4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	60 litres
Running time (75% Load)	17.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1720 x 980 x 1110
Dry weight *	610 Kg
Measured acoustic power LwA (pressure LpA)**	93 dB(A) (68 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	94 dB(A) (69 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

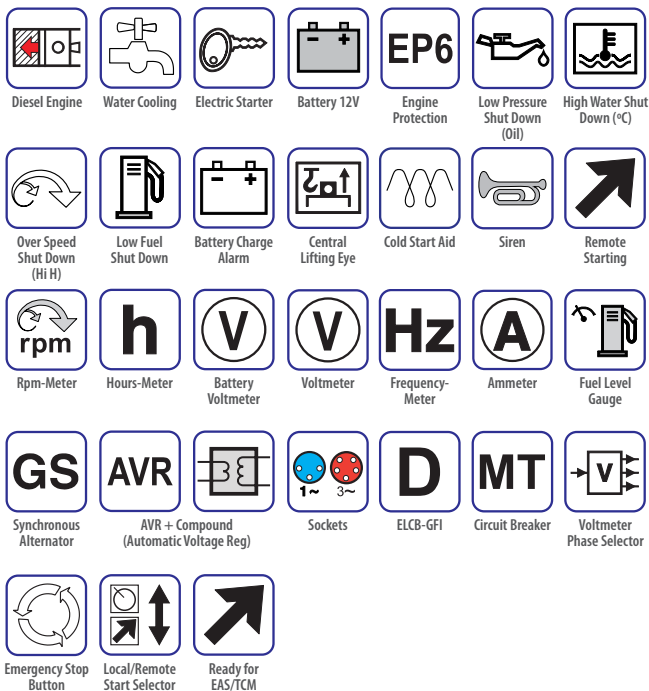


Optional

- Automatic transfer unit (AMF) EAS 28-809
- Earthing kit
- Remote control TCM35
- Locking fuel cap
- Site tow CTL22
- Road trailer

Factory Installation Options

- Water heater WH
- Radio control
- Gauges - water temp & oil press
- Spark arrestor



Order Code: 35.74920

Generating Set

GE 10 YSX - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 16A - 2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	9.5 kVA (7.6 kW) / 400V / 13.7A
PRP three-phase power *	9 kVA (7.2 kW) / 400V / 13A
PRP single-phase power *	4.5 kVA / 230V / 19.5A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Indirect Injection, Water Cooled

Model	Yanmar 3TNV76
Output *	9 kW (12.2 HP)
Cylinders / Displacement	3 / 1116cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	1.8 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	55 litres
Running time (75% Load)	30.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	1680 x 770 x 1190
Dry weight *	535 Kg
Measured acoustic power LwA (pressure LpA)**	83 dB(A) (58 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	84 dB(A) (59 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

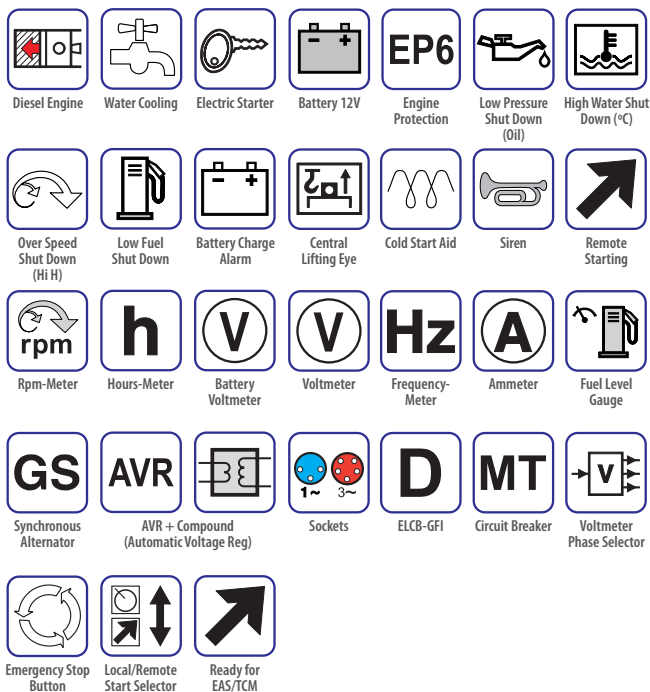


Optional

- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Locking fuel cap
- Site tow CTL15
- Road trailer
- Automatic transfer unit (AMF) EAS 17-809

Factory Installation Options

- Water heater WH
- Radio control
- Gauges - water temp & oil press
- Spark arrestor
- Isometer
- 350 litres internal tank
- Main battery switch



Order Code: 35.84905

Generating Set

GE 15 YSX - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 32A - 1 x 400V 16A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	15 kVA (12 kW) / 400V / 21.6A
PRP three-phase power *	14 kVA (11.2 kW) / 400V / 20.2A
PRP single-phase power *	6.5 kVA / 230V / 28.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Water Cooled

Model	Yanmar 3TNV88
Output *	13.6 kW (18.5 HP)
Cylinders / Displacement	3 / 1642cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	2.6 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	55 litres
Running time (75% Load)	21 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	1680 x 770 x 1190
Dry weight *	630 Kg
Measured acoustic power LwA (pressure LpA)**	86 dB(A) (61 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	87 dB(A) (62 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC
































Optional

- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Locking fuel cap
- Site tow CTL15
- Road trailer
- Automatic transfer unit (AMF) EAS 17-809

Factory Installation Options

- Water heater WH
- Radio control
- Gauges - water temp & oil press
- Spark arrester
- Isometer
- 350 litres internal tank
- Main battery switch

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (+C)
 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 Central Lifting Eye	 Cold Start Aid	 Remote Starting	 Rpm-Meter
 Hours-Meter	 Battery Voltmeter	 Voltmeter	 Hz Frequency-Meter	 A Ammeter	 Fuel Level Gauge	 GS Synchronous Alternator
 AVR + Compound (Automatic Voltage Reg)	 Sockets	 ELCB-GFI	 D MT Circuit Breaker	 V Voltmeter Phase Selector	 Emergency Stop Button	
 Local/Remote Start Selector	 Ready for EAS/TCM					

Order Code: 35.84910

Generating Set

GE 20 YSX - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 32A - 1 x 400V 16A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	20 kVA (16 kW) / 400V / 28.9A
PRP three-phase power *	18 kVA (14.4 kW) / 400V / 26A
PRP single-phase power *	7 kVA / 230V / 30.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Water Cooled

Model	Yanmar 4TNV88
Output *	18 kW (24.5 HP)
Cylinders / Displacement	4 / 2190cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	3.4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	100 litres
Running time (75% Load)	29.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	1835 x 900 x 1265
Dry weight *	750 Kg
Measured acoustic power LwA (pressure LpA)**	88 dB(A) (63 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	89 dB(A) (64 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

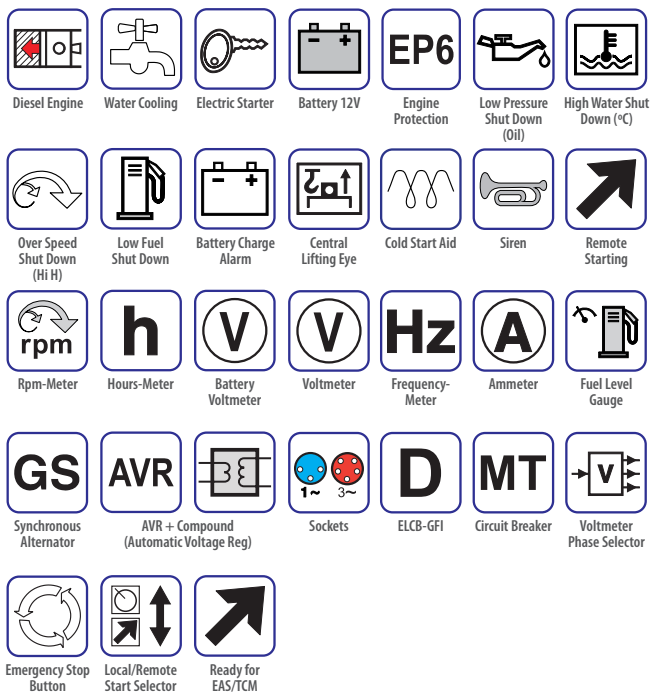
** Acoustic power according to European Directive 2000/14/EC



Factory Installation Options

Optional

- Galvanized skid base frame
- 400V/230V/115V version
- Earthing kit
- Remote control TCM35
- Locking fuel cap
- Site tow CTL20
- Road trailer
- Automatic transfer unit (AMF) EAS 28-809
- Water heater WH
- Radio control
- Gauges - water temp & oil press
- Spark arrestor
- Isometer
- 350 litres internal tank
- Main battery switch
- 3-way valve fuel system with quick connection for external fuel tank supply



Order Code: 35.84920

Generating Set

GE 20 YSX MV - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 32A - 1 x 230V 32A
2 x 115V 32A - 1 x 115V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	20 kVA (16 kW) / 400V / 28.9A
PRP three-phase power *	18 kVA (14.4 kW) / 400V / 26A
PRP single-phase power *	7 kVA / 230V / 30.4A
PRP single-phase power *	7 kVA (3.5+3.5) kVA / 115V / 60.8A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Water Cooled

Model	Yanmar 4TNV88
Output *	18 kW (24.5 HP)
Cylinders / Displacement	4 / 2190cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	3.4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	100 litres
Running time (75% Load)	29.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	1835 x 900 x 1265
Dry weight *	750 Kg
Measured acoustic power LwA (pressure LpA)**	88 dB(A) (63 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	89 dB(A) (64 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

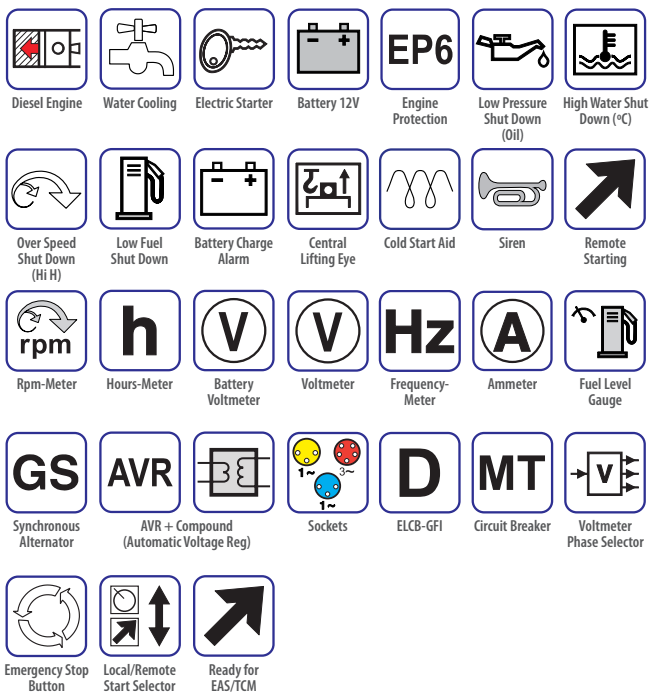


Factory Installation Options

- Water heater WH
- Radio control
- Gauges - water temp & oil press
- Spark arrestor
- Isometer
- 350 litres internal tank
- Main battery switch
- 3-way valve fuel system with quick connection for external fuel tank supply

Optional

- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Site tow CTL20
- Road trailer
- Automatic transfer unit (AMF) EAS 28-809



Order Code: 35.84920MV

Generating Set

GE 35 YSX Hardwire- Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Hardwire connection
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	38 kVA (30.4 kW) / 400V / 54.8A
PRP three-phase power *	35 kVA (28 kW) / 400V / 50.5A
PRP single-phase power *	12.5 kVA / 230V / 54.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Water Cooled

Model	Yanmar 4TNV98
Output *	34.1 kW (46.4 HP)
Cylinders / Displacement	4 / 3319cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	6.1 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	100 litres
Running time (75% Load)	16.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	2050 x 900 x 1420
Dry weight *	960 Kg
Noise level @ 7 metres**	91 LwA 66 dB(A)

* Dimensions and weight (Kg) without trolley/trailer





























** Acoustic power according to European Directive 2000/14/EC



Factory Installation Options

Optional

- Galvanized skid base frame
- 400V/230V socket version
- Earthing kit
- Remote control TCM35
- Site tow CTL20
- Road trailer
- Automatic transfer unit (AMF) EAS 42-809
- Water heater WH
- Radio control
- Gauges - water temp & oil press
- Spark arrestor
- Isometer
- 350 litres internal tank
- Main battery switch
- 3-way valve fuel system with quick connection for external fuel tank supply
- Electronic leakage relay

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (°C)
 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 Central Lifting Eye	 Emergency Stop Button	 Cold Start Aid	 Siren
 Remote Starting	 rpm Rpm-Meter	 h Hours-Meter	 V Battery Voltmeter	 V Voltmeter	 Hz Frequency-Meter	 A Ammeter
 Fuel Level Gauge	 GS Synchronous Alternator	 AVR AVR + Compound (Automatic Voltage Reg)	 D ELCB-GFI	 MT Circuit Breaker	 v Voltmeter Phase Selector	
 Ready for EAS/TCM						

Order Code: 35.84931

Generating Set

GE 35 YSX - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 63A - 1 x 400V 32A
1 x 400V 16A - 2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	38 kVA (30.4 kW) / 400V / 54.8A
PRP three-phase power *	35 kVA (28 kW) / 400V / 50.5A
PRP single-phase power *	12.5 kVA / 230V / 54.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Water Cooled

Model	Yanmar 4TNV98
Output *	34.1 kW (46.4 HP)
Cylinders / Displacement	4 / 3319cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	6.1 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	100 litres
Running time (75% Load)	16.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	2050 x 900 x 1420
Dry weight *	960 Kg
Noise level @ 7 metres**	91 LwA 66 dB(A)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional































- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Site tow CTL20
- Road trailer
- Automatic transfer unit (AMF) EAS 42-809

Factory Installation Options

- Water heater WH
- Radio control
- Gauges - water temp & oil press
- Spark arrester
- Isometer
- 350 litres internal tank
- Main battery switch
- 3-way valve fuel system with quick connection for external fuel tank supply
- Electronic leakage relay

Version on Request

- Terminal Output with bus bar and socket 230V/16A hardware

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (°C)
 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 Central Lifting Eye	 Emergency Stop Button	 Cold Start Aid	 Siren
 Remote Starting	 Rpm-Meter	 Hours-Meter	 Battery Voltmeter	 Voltmeter	 Frequency-Meter	 Ammeter
 Fuel Level Gauge	 GS Synchronous Alternator	 AVR AVR + Compound (Automatic Voltage Reg)	 Sockets	 D ELCB-GFI	 MT Circuit Breaker	
 Voltmeter Phase Selector	 Local/Remote Start Selector	 Ready for EAS/TCM				

Order Code: 35.84930

Generating Set

GE 45 YSX Hardwire- Diesel

Key Features

- Electronic voltage regulation
- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	46 kVA (36.8 kW) / 400V / 66.4A
PRP three-phase power *	42 kVA (33.6 kW) / 400V / 60.6A
PRP single-phase power *	15.5 kVA / 230V / 67.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Turbo Compressor, Direct Injection, Water Cooled

Model	Yanmar 4TNV98T
Output *	41.9 kW (57 HP)
Cylinders / Displacement	4 / 3319cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	7.4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	100 litres
Running time (75% Load)	13.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	2050 x 900 x 1420
Dry weight *	1020 Kg
Measured acoustic power LwA (pressure LpA)**	90 dB(A) (65 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

Order Code: 35.84941



Optional






























- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Site tow CTL20
- Road trailer
- Automatic transfer unit (AMF) EAS 42-809

Factory Installation Options

- Water heater WH
- Radio control
- Gauges - water temp & oil press
- Spark arrester
- Isometer
- 350 litres internal tank
- Main battery switch
- 3-way valve fuel system with quick connection for external fuel tank supply
- Electronic leakage relay

Version on Request

- 400V/230V Socket version

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (°C)
 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 Central Lifting Eye	 Emergency Stop Button	 Cold Start Aid	 Siren
 Remote Starting	 rpm Rpm-Meter	 h Hours-Meter	 V Battery Voltmeter	 V Voltmeter	 Hz Frequency-Meter	 A Ammeter
 Fuel Level Gauge	 GS Synchronous Alternator	 AVR AVR + Compound (Automatic Voltage Reg)	 D ELCB-GFI	 MT Circuit Breaker	 v Voltmeter Phase Selector	
 Local/Remote Start Selector	 Ready for EAS/TCM					

Generating Set

GE 45 YSX - Diesel

Key Features

- Electronic voltage regulation
- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 63A - 1 x 400V 32A
1 x 400V 16A - 2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	46 kVA (36.8 kW) / 400V / 66.4A
PRP three-phase power *	42 kVA (33.6 kW) / 400V / 60.6A
PRP single-phase power *	15.5 kVA / 230V / 67.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Turbo Compressor, Direct Injection, Water Cooled

Model	Yanmar 4TNV98T
Output *	41.9 kW (57 HP)
Cylinders / Displacement	4 / 3319cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	7.4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	100 litres
Running time (75% Load)	13.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	2050 x 900 x 1420
Dry weight *	1020 Kg
Measured acoustic power LwA (pressure LpA)**	90 dB(A) (65 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional































- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Site tow CTL20
- Road trailer
- Automatic transfer unit (AMF) EAS 42-809

Factory Installation Options

- 50/60 Hz selector
- Water heater WH
- Radio control
- Gauges - water temp & oil press
- Spark arrester
- Isometer
- 350 litres internal tank
- Main battery switch
- 3-way valve fuel system with quick connection for external fuel tank supply
- Electronic leakage relay

Version on Request

- Terminal output with bus bar and socket 230V/16A hardware

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (°C)
 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 Central Lifting Eye	 Emergency Stop Button	 Cold Start Aid	 Siren
 Remote Starting	 rpm Rpm-Meter	 h Hours-Meter	 V Battery Voltmeter	 V Voltmeter	 Hz Frequency-Meter	 A Ammeter
 Fuel Level Gauge	 GS Synchronous Alternator	 AVR AVR + Compound (Automatic Voltage Reg)	 1~ 3~ Sockets	 D ELCB-GFI	 MT Circuit Breaker	
 Voltmeter Phase Selector	 Local/Remote Start Selector	 Ready for EAS/TCM				

Order Code: 35.84940

Generating Set

GE 22 VSX Air Cooled - Diesel

Key Features

- Engine protection ES
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 32A - 1 x 230V 32A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	20 kVA (16 kW) / 400V / 28.9A
PRP three-phase power *	18 kVA (14.4 kW) / 400V / 26A
PRP single-phase power *	7 kVA / 230V / 30.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Air Cooled

Model	VM Sun 2105 E2
Output *	18.5 kW (25 HP)
Cylinders / Displacement	2 / 1992cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	60 litres
Running time (75% Load)	15 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1720 x 980 x 1080
Dry weight *	700 Kg
Measured acoustic power LwA (pressure LpA)**	93 dB(A) (68 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	94 dB(A) (69 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

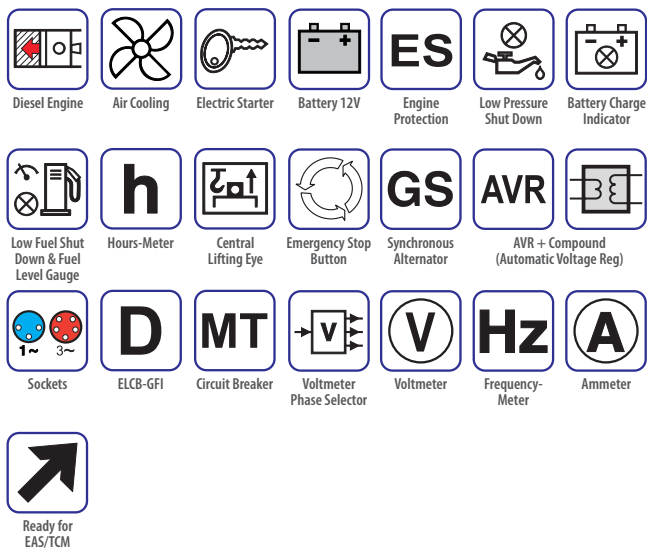


Optional

- Earthing kit
- Remote control TCM40
- Locking fuel cap
- Cyclone air pre-filter
- Site tow CTL22
- Road trailer
- Automatic transfer unit (AMF) EAS 28-809

Factory Installation Options

- Oil heater OH



Order Code: 35.34240

Generating Set

GE 33 VSX Air Cooled - Diesel

Key Features

- Engine protection EP5
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 32A - 1 x 230V 32A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	30 kVA (24 kW) / 400V / 43.3A
PRP three-phase power *	27 kVA (21.6 kW) / 400V / 39A
PRP single-phase power *	10 kVA / 230V / 43.5A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Air Cooled

Model	VM Sun 3105 E2
Output *	27.5 kW (37.5 HP)
Cylinders / Displacement	3 / 2987cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	5.5 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	68 litres
Running time (75% Load)	12.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1940 x 850 x 1080
Dry weight *	880 Kg
Measured acoustic power LwA (pressure LpA)**	95 dB(A) (70 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	96 dB(A) (71 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



























Optional

- Earthing kit
- Remote control TCM40
- Locking fuel cap
- Cyclone air pre-filter
- Siren
- Site tow CTL22
- Road trailer
- Automatic transfer unit (AMF) EAS 42-809

Factory Installation Options

- Oil heater OH

 Diesel Engine	 Air Cooling	 Electric Starter	 Battery 12V	 EP5 Engine Protection	 Low Pressure Shut Down	 High Temp Oil Shut Down
 Over Speed Shut Down	 Battery Charge Indicator	 Low Fuel Indicator	 h Hours-Meter	 Fuel Level Gauge	 Central Lifting Eye	 GS Synchronous Alternator
 AVR AVR + Compound (Automatic Voltage Reg)	 Sockets	 D ELCB-GFI	 MT Circuit Breaker	 V Voltmeter Phase Selector	 V Voltmeter	
 A Ammeter	 Hz Frequency-Meter	 Emergency Stop Button	 Ready for EAS/TCM			

Order Code: 35.34340

Generating Set

GE 40 VSX Air Cooled - Diesel

Key Features

- Engine protection EP5
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 63A - 1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	40 kVA (32 kW) / 400V / 57.8A
PRP three-phase power *	36 kVA (28.8 kW) / 400V / 52A
PRP single-phase power *	13.5 kVA / 230V / 58.7A
PRP single-phase power *	6.7 kVA / 230V / 58.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Turbo Charged, Direct Injection,

Air Cooled

Model	VM Sun 3105 TE2
Output *	36.5 kW (49.6 HP)
Cylinders / Displacement	3 / 2987cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	7.1 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	68 litres
Running time (75% Load)	9.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1940 x 850 x 1080
Dry weight *	935 Kg
Measured acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	92 dB(A) (67 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

























- Earthing kit
- Remote control TCM40
- Locking fuel cap
- Cyclone air pre-filter
- Siren
- Site tow CTL22
- Road trailer
- Automatic transfer unit (AMF) EAS 42-809

Version on Request

- With Sockets:
 - 1 x 400V 63A
 - 2 x 400V 32A
 - 1 x 230V 32A
 - 1 x 230V 16A

Factory Installation Options

- Oil heater OH

 Diesel Engine	 Air Cooling	 Electric Starter	 Battery 12V	 Engine Protection	 Low Pressure Shut Down	 High Temp Oil Shut Down
 Over Speed Shut Down	 Battery Charge Indicator	 Low Fuel Indicator	 Hours-Meter	 Fuel Level Gauge	 Central Lifting Eye	 Synchronous Alternator
 AVR + Compound (Automatic Voltage Reg)	 Sockets	 ELCB-GFI	 Circuit Breaker	 Voltmeter Phase Selector	 Voltmeter	
 Ammeter	 Frequency-Meter	 Emergency Stop Button	 Ready for EAS/TCM			

Order Code: 35.34443

Generating Set

GE 15 PSX - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 32A - 1 x 400V 16A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	15 kVA (12 kW) / 400V / 21.6A
PRP three-phase power *	14 kVA (11.2 kW) / 400V / 20.2A
PRP single-phase power *	6.5 kVA / 230V / 28.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Indirect Injection, Water Cooled

Model	Perkins 403A-15G1
Output *	13.3 kW (18 HP)
Cylinders / Displacement	3 / 1496cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	2.8 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	60 litres
Running time (75% Load)	21.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1720 x 980 x 1110
Dry weight *	580 Kg
Measured acoustic power LwA (pressure LpA)**	90 dB(A) (65 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

Order Code: 35.84255

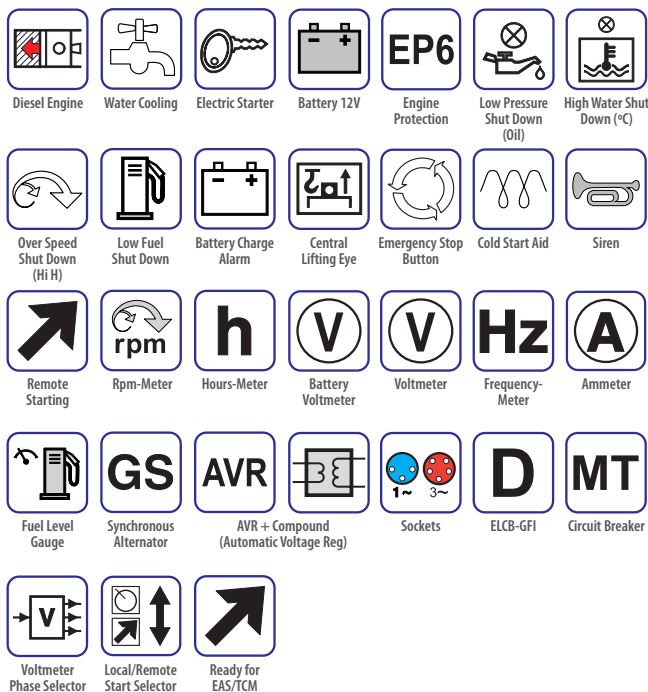


Optional

- Earthing kit
- Remote control TCM40
- Locking fuel cap
- Site tow CTL22
- Road trailer
- Automatic transfer unit (AMF) EAS 17-809

Factory Installation Options

- Water heater WH
- Isometer
- Spark arrester
- Radio control
- Gauges - water temp & oil press



Generating Set

GE 20 PSX - Diesel

Key Features

- Engine protection EP6
- Automatic voltage regulator (AVR)
- Sockets: 1 x 400V 32A - 1 x 400V 16A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	22 kVA (17.6 kW) / 400V / 31.8A
PRP three-phase power *	20 kVA (16 kW) / 400V / 28.9A
PRP single-phase power *	7 kVA / 230V / 30.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Indirect Injection, Water Cooled

Model	Perkins 404A-22G1
Output *	20.3 kW (27.6 HP)
Cylinders / Displacement	4 / 2216cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	60 litres
Running time (75% Load)	15 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1720 x 980 x 1110
Dry weight *	650 Kg
Measured acoustic power LwA (pressure LpA)**	90 dB(A) (65 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

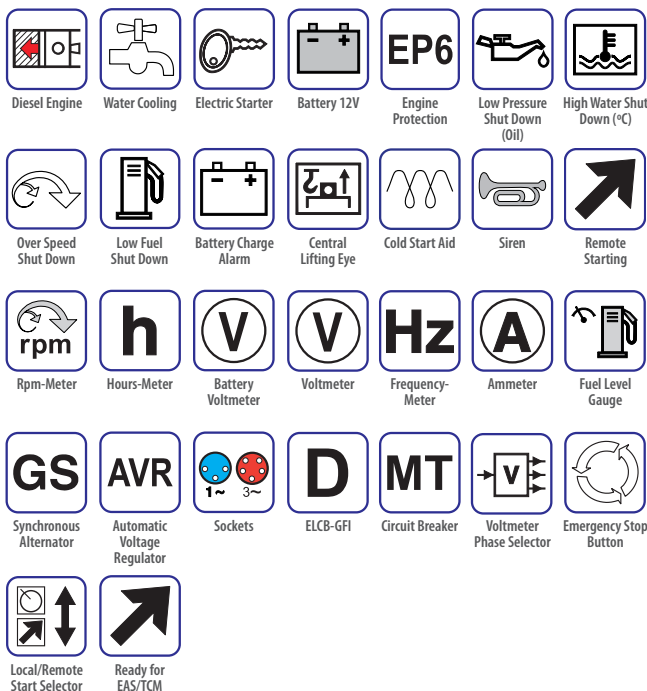
- Earthing kit
- Remote control TCM35
- Locking fuel cap
- Site tow CTL22
- Road trailer
- Automatic transfer unit (AMF) EAS 28-809

Version on Request

- 400V/230V/115V versions

Factory Installation Options

- Water heater WH
- Isometer
- Spark arrestor
- ESB excitation boost system
- Gauges - water temp & oil press



Order Code: 35.84215

Generating Set

GE 20 PSX MV - Diesel

Key Features

- AC Output 22 kVA - multi voltage switched
- Automatic voltage regulator (AVR)
- Sockets: 1 x 400V - 5 x 230V - 5 x 115V
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced canopy - lockable
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety
- Switched voltage output

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	22/20 kVA / 400V / 31/29A
Stand-by single-phase power *	15/14 kVA / 230V / 62/59A
Stand-by single-phase power *	15/14 kVA / 115V / 130/117A
Duty cycle	100%
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Water Cooled

Model	Perkins 404C-22G
Output *	20.3 kW (27.6 HP)
Cylinders / Displacement	4 / 2216cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	4.1 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	60 litres
Running time (75% Load)	14.5 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	1700 x 980 x 1110
Dry weight *	680 Kg
Noise level @ 7 metres**	92 LwA 67 dB(A)

* Dimensions and weight (Kg) inclusive of all parts without wheels and towbar

** Acoustic power according to European Directive 2000/14/EC



Version on Request

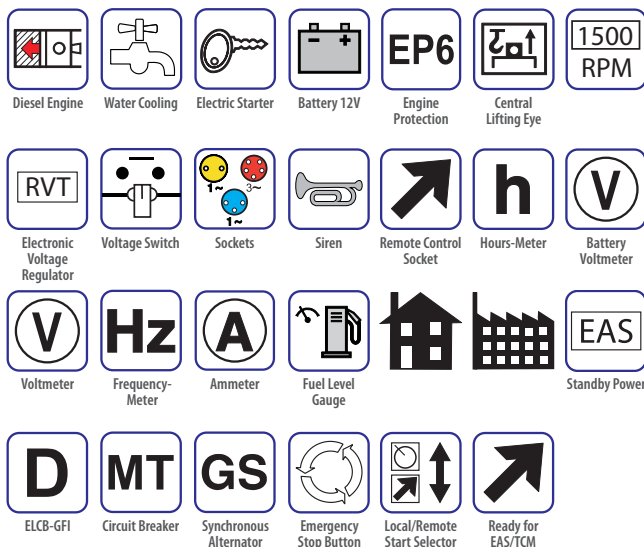
- 400V/230V

Factory Installation Options

- Water heater WH
- Isometer
- Spark arrester
- Radio control
- Gauges - water temp & oil press

Optional

- Earthing kit
- Remote control TCM35
- Site tow CTL22
- Road trailer
- Automatic transfer unit (AMF) EAS 17-809



Order Code: 35.84211MV

Generating Set

GE 35 PSX - Diesel

Key Features

- Engine protection EP6
- Automatic voltage regulator (AVR)
- Sockets: 1 x 400V 63A - 1 x 400V 32A
1 x 230V 32A - 2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	33 kVA (26.4 kW) / 400V / 47.6A
PRP three-phase power *	30 kVA (24 kW) / 400V / 43.3A
PRP single-phase power *	11 kVA / 230V / 47.6A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Water Cooled

Model	Perkins 1103A-33G
Output *	30.4 kW (41.3 HP)
Cylinders / Displacement	3 / 3300cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	5.4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	65 litres
Running time (75% Load)	12 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	2030 x 870 x 1130
Dry weight *	920 Kg
Measured acoustic power LwA (pressure LpA)**	90 dB(A) (65 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Factory Installation Options

- Water heater WH
- Isometer
- Spark arrestor
- Radio control
- ESB excitation boost system
- Gauges - water temp & oil press
- Cold start aid
- Oil drain pump
- Blow-by gases oil Separator filter

Optional

- Earthing kit
- Remote control TCM35
- Locking fuel cap
- Site tow CTL35
- Road trailer
- Automatic transfer unit (AMF) EAS 42-809

				EP6 Engine Protection		
Diesel Engine	Water Cooling	Electric Starter	Battery 12V	EP6 Engine Protection	Fuel Level Gauge	Low Pressure Shut Down (Oil)
High Water Shut Down (°C)	Over Speed Shut Down	Low Fuel Shut Down	Battery Charge Alarm	Siren	Remote Starting	Rpm-Meter
h Hours-Meter	V Battery Voltmeter	V Voltmeter	Hz Frequency-Meter	A Ammeter	GS Synchronous Alternator	AVR Automatic Voltage Regulator
Hours-Meter	Battery Voltmeter	Voltmeter	Frequency-Meter	Ammeter	Synchronous Alternator	Automatic Voltage Regulator
	D ELCB-GFI	MT Circuit Breaker				
Sockets	ELCB-GFI	Circuit Breaker	Voltmeter Phase Selector	Emergency Stop Button	Ready for EAS/TCM	Local/Remote Start Selector
Central Lifting Eye						

Order Code: 35.84030

Generating Set

GE 55 PS - Diesel

Key Features

- Engine protection EP6
- Automatic voltage regulator (AVR)
- Sockets: 1 x 400V 63A - 1 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Silenced
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Single Phase, Brushless Alternator

Three-phase power (Stand-by/Prime)*	22/20 kVA / 400V / 32/29A
Single-phase power (Stand-by/Prime)*	15/14 kVA / 230V / 62/59A
Single-phase power (Stand-by/Prime)*	15/14 kVA / 115V / 130/117A
Duty cycle	100%
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Water Cooled

Model	Perkins 404C-22G
Output *	20.3 kW (27.6 HP)
Cylinders / Displacement	3 / 3300cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	8.2 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	65 litres
Running time (75% Load)	8 hours
IP protection degree	IP 23
Dimensions LxWxH (mm) *	2030 x 870 x 1130
Dry weight *	940 Kg
Measured acoustic power LwA (pressure LpA)**	94 dB(A) (69 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	95 dB(A) (70 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

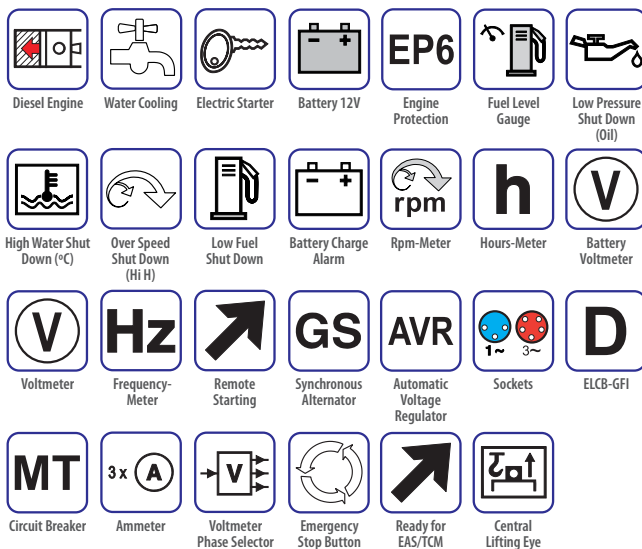
** Acoustic power according to European Directive 2000/14/EC



Factory Installation Options

Optional

- Earthing kit
- Remote control TCM35
- Site tow CTL35
- Road trailer
- Locking fuel cap
- Automatic transfer unit (AMF) EAS 76-809
- Water heater WH
- Isometer
- Spark arrestor
- Radio control
- Gauges - water temp & oil press
- Cold start aid
- Oil drain pump
- Blow-by gases oil separator filter



Order Code: 35.74059

Generating Set

GE 15 PSSX - Diesel

Key Features

- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets: 1 x 400V 32A - 1 x 400V 16A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	15 kVA (12 kW) / 400V / 21.6A
PRP three-phase power *	14 kVA (11.2 kW) / 400V / 20.2A
PRP single-phase power *	6.5 kVA / 230V / 28.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Indirect Injection, Water Cooled

Model	Perkins 403A-15G1
Output *	13.3 kW (18 HP)
Cylinders / Displacement	3 / 1496cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	2.8 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	55 litres
Running time (75% Load)	20 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	1680 x 770 x 1190
Dry weight *	650 Kg
Measured acoustic power LwA (pressure LpA)**	85 dB(A) (60 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	85 dB(A) (60 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Site tow CTL15
- Road trailer
- Locking fuel cap
- Automatic transfer unit (AMF) EAS 17-809

Factory Installation Options

- Water heater WH
- Spark arrestor
- Radio control
- Gauges - water temp & oil press
- Main battery switch
- 350 litres internal tank

Diesel Engine	Water Cooling	Electric Starter	Battery 12V	Engine Protection	Low Pressure Shut Down (Oil)	High Water Shut Down (°C)
Over Speed Shut Down	Low Fuel Shut Down	Battery Charge Alarm	Central Lifting Eye	Cold Start Aid	Siren	Remote Starting
Rpm-Meter	Hours-Meter	Battery Voltmeter	Voltmeter	Frequency-Meter	Ammeter	Fuel Level Gauge
Synchronous Alternator	AVR + Compound (Automatic Voltage Reg)	Sockets	ELCB-GFI	Circuit Breaker	Voltmeter Phase Selector	
Emergency Stop Button	Local/Remote Start Selector	Ready for EAS/TCM				

Order Code: 35.84810

Generating Set

GE 20 PSSX - Diesel

Key Features

- Engine protection EP6
- Automatic voltage regulator (AVR)
- Sockets: 1 x 400V 32A - 1 x 400V 16A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	22 kVA (17.6 kW) / 400V / 31.8A
PRP three-phase power *	20 kVA (16 kW) / 400V / 28.9A
PRP single-phase power *	7 kVA / 230V / 30.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Indirect Injection, Water Cooled

Model	Perkins 404A-22G1
Output *	20.3 kW (27.6 HP)
Cylinders / Displacement	4 / 2216cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	100 litres
Running time (75% Load)	25 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	1835 x 900 x 1265
Dry weight *	800 Kg
Noise level @ 7 metres**	85 LwA 60 dB(A)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

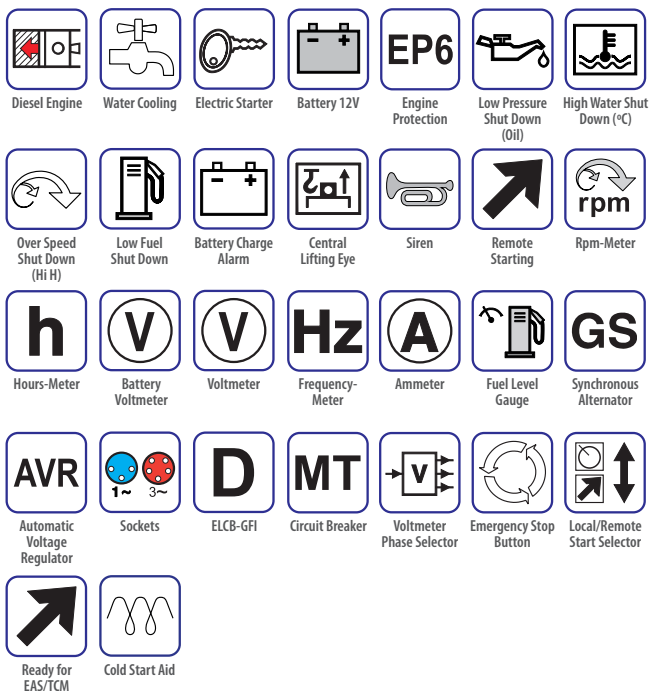


Factory Installation Options

- Water heater WH
- Spark arrester
- Radio control
- Gauges - water temp & oil press
- Main battery switch
- 350 litres internal tank
- 3-way valve fuel system with quick connection for external fuel tank supply
- ESB excitation boost system

Optional

- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Site tow CTL20
- Road trailer
- Automatic transfer unit (AMF) EAS 28-809



Order Code: 35.84820

Generating Set

GE 35 PSSX - Diesel

Key Features

- Engine protection EP6
- Automatic voltage regulator (AVR)
- Sockets: 1 x 400V 63A - 1 x 400V 32A - 1 x 400V 16A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bundled base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	33 kVA (26.4 kW) / 400V / 47.6A
PRP three-phase power *	30 kVA (24 kW) / 400V / 43.3A
PRP single-phase power *	11 kVA / 230V / 47.6A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Water Cooled

Model	Perkins 1103-33G
Output *	30.4 kW (41.3 HP)
Cylinders / Displacement	3 / 3300cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	5.4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	100 litres
Running time (75% Load)	18.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	2050 x 900 x 1420
Dry weight *	960 Kg
Measured acoustic power LwA (pressure LpA)**	88 dB(A) (63 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	89 dB(A) (64 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC
































Factory Installation Options

- Water heater WH
- Spark arrester
- Radio control
- Gauges - water temp & oil press
- Main battery switch
- 350 litres internal tank
- 3-way valve fuel system with quick connection for external fuel tank supply
- ESB excitation boost system
- Electronic leakage relay
- Cold start aid

Optional

- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Site tow CTL20
- Road trailer
- Automatic transfer unit (AMF) EAS 42-809

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (+C)
 Over Speed Shut Down	 Low Fuel Shut Down	 Battery Charge Alarm	 Central Lifting Eye	 Siren	 Remote Starting	 Rpm-Meter
 Hours-Meter	 Battery Voltmeter	 Voltmeter	 Hz Frequency-Meter	 A Ammeter	 Fuel Level Gauge	 GS Synchronous Alternator
 AVR Automatic Voltage Regulator	 Sockets	 D ELCB-GFI	 MT Circuit Breaker	 V Voltmeter Phase Selector	 Emergency Stop Button	 Local/Remote Start Selector
 Ready for EAS/TCM						

Order Code: 35.84830

Generating Set

GE 50 PSSX - Diesel

Key Features

- Engine protection EP6
- Automatic voltage regulator (AVR)
- Sockets: 1 x 400V 63A - 1 x 400V 32A - 1 x 400V 16A
2 x 230V 16A
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	51 kVA (40.8 kW) / 400V / 73.6A
PRP three-phase power *	46 kVA (36.8 kW) / 400V / 66.4A
PRP single-phase power *	17 kVA / 230V / 73.9A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Natural Aspirated, Direct Injection, Water Cooled

Model	Perkins 1103A-33TG1
Output *	41.3 kW (56.2 HP)
Cylinders / Displacement	3 / 3300cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	8.2 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	100 litres
Running time (75% Load)	12 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	2050 x 900 x 1420
Dry weight *	1100 Kg
Measured acoustic power LwA (pressure LpA)**	90 dB(A) (65 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC
































Factory Installation Options

- Water heater WH
- Spark arrestor
- Radio control
- Gauges - water temp & oil press
- Main battery switch
- 350 litres internal tank
- 3-way valve fuel system with quick connection for external fuel tank supply
- ESB excitation boost system
- Electronic leakage relay
- Cold start aid

Optional

- Galvanized skid base frame
- Earthing kit
- Remote control TCM35
- Site tow
- Road trailer
- Automatic transfer unit (AMF)

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (°C)
 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 Central Lifting Eye	 Siren	 Remote Starting	 Rpm-Meter
 Hours-Meter	 Battery Voltmeter	 Voltmeter	 Hz Frequency-Meter	 A Ammeter	 Fuel Level Gauge	 GS Synchronous Alternator
 AVR Automatic Voltage Regulator	 Sockets	 D ELCB-GFI	 MT Circuit Breaker	 V Voltmeter Phase Selector	 Emergency Stop Button	 Local/Remote Start Selector
 Ready for EAS/TCM						

Order Code: 35.84850

Generating Set

GE 65 PSX - Diesel

Key Features

- Hardwire
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Bundled base with drain plug
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	66 kVA (52.8 kW) / 400V / 95.2A
PRP three-phase power *	60 kVA (48 kW) / 400V / 86.6A
PRP single-phase power *	22 kVA / 230V / 95.6A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Turbo Charged, Direct Injection, Water Cooled

Model	Perkins 1103-33G2
Output *	59.3 kW (80.6 HP)
Cylinders / Displacement	3 / 3300cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	10.4 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	102 litres
Running time (75% Load)	10 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	2490 x 1030 x 1480
Dry weight *	1200 Kg
Measured acoustic power LwA (pressure LpA)**	91 dB(A) (66 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	92 dB(A) (67 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Site tow CTL45
- Remote control TCM35
- Road trailer
- Automatic transfer unit (AMF) EAS 76-809

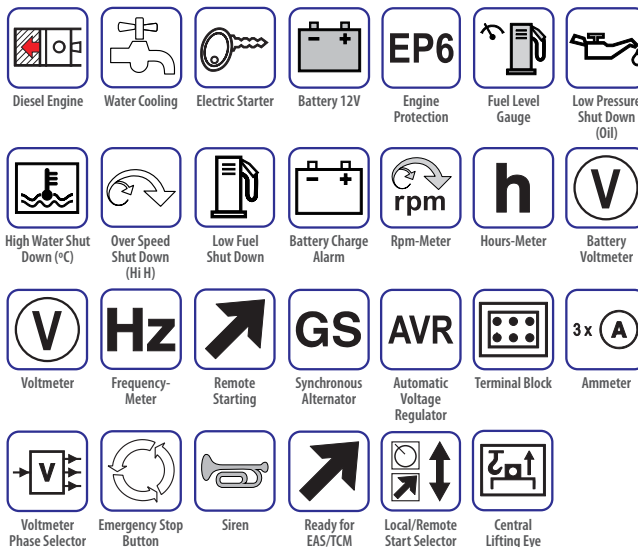
Factory Installation Options

- Socket 400V 125A
- Electronic leakage relay
- Isometer
- Radio control
- Permanent magnet
- Cool start aid
- Gauges - water temp & oil press
- Water heater WH

Factory Installation Options

- Automatic fuel transfer pump
- Main battery switch
- Oil drain pump
- Spark arrestor
- Blow-by gases oil separator filter
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.84061

Generating Set

GE 85 PSX - Diesel

Key Features

- Hardwire
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	88 kVA (70.4 kW) / 400V / 127A
PRP three-phase power *	80 kVA (64 kW) / 400V / 115A
PRP single-phase power *	29 kVA / 230V / 126A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Turbo Aftercooler, Direct Injection, Water Cooled

Model	Perkins 1104-44G2
Output *	79.1 kW (107.6 HP)
Cylinders / Displacement	4 / 4400cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	14 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	230 litres
Running time (75% Load)	16 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	2740 x 1200 x 1640
Dry weight *	1655 Kg
Measured acoustic power LwA (pressure LpA)**	95 dB(A) (70 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	96 dB(A) (71 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC

Order Code: 35.84085



Optional

- Earthing kit
- Remote control TCM35
- Site tow CTL115
- Road trailer
- Automatic transfer unit (AMF) EAS 111-809

Factory Installation Options





























- Electronic leakage relay
- Isometer
- Radio control
- Permanent magnet
- Cool start aid
- V adjustable from control panel
- Gauges - water temp & oil press
- Water heater WH
- Automatic fuel transfer pump
- Main battery switch

Factory Installation Options

- Spark arrestor
- Fuel tank 120l / 350l / 420l
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	

The electrical panel requires an electrical protection: electronic leakage relay or isometer

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Fuel Level Gauge	 Low Pressure Shut Down (Oil)
 High Water Shut Down (°C)	 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 rpm Rpm-Meter	 h Hours-Meter	 V Battery Voltmeter
 V Voltmeter	 Hz Frequency-Meter	 Remote Starting	 GS Synchronous Alternator	 AVR Automatic Voltage Regulator	 MT Circuit Breaker	 Terminal Block
 3 x A Ammeter	 V Voltmeter Phase Selector	 Emergency Stop Button	 Siren	 Ready for EAS/TCM	 Central Lifting Eye	 Cold Start Aid

Generating Set

GE 115 PSX - Diesel

Key Features

- Hardwire
- Electronic voltage regulation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	110 kVA (88 kW) / 400V / 159A
PRP three-phase power *	100 kVA (80 kW) / 400V / 144A
PRP single-phase power *	36.5 kVA / 230V / 159A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Turbo Charged, Direct Injection, Water Cooled

Model	Perkins 1104C-44TAG2
Output *	98 kW (133.3 HP)
Cylinders / Displacement	4 / 4400cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	17.1 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	203 litres
Running time (75% Load)	13.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	2740 x 1200 x 1640
Dry weight *	1680 Kg
Measured acoustic power LwA (pressure LpA)**	96 dB(A) (71 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	97 dB(A) (72 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

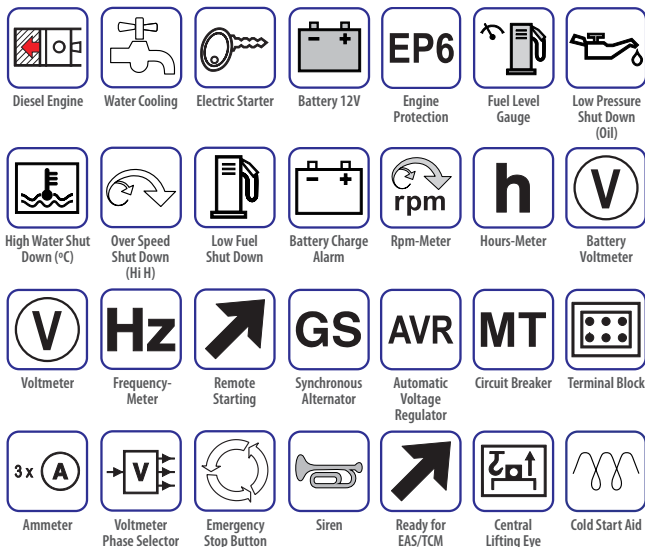
- Earthing kit
- Remote control TCM35
- Site tow CTL115
- Road trailer
- Automatic transfer unit (AMF) EAS 111-809

Factory Installation Options

- 50/60 Hz selector
- Electronic leakage relay
- Isometer
- Radio control
- Permanent magnet
- V & Hz adjustable from control panel
- Cool start aid
- Gauges - water temp & oil press
- Water heater WH
- Automatic fuel transfer pump

Factory Installation Options

- Main battery switch
 - Oil drain pump
 - Spark arrestor
 - Fuel tank 120l / 350l / 420l
 - 3-way valve fuel system with quick connection for external fuel tank supply
 - The electrical panel with sockets CEE:
 - 1 x 400V 125A
 - 1 x 400V 32A
 - 1 x 400V 63A
 - 1 x 400V 16A
 - 2 x 230V 16A
- The electrical panel requires an electrical protection: electronic leakage relay or isometer



Order Code: 35.84115

Generating Set

GE 165 PSX - Diesel

Key Features

- Hardwire
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	165 kVA (132 kW) / 400V / 238.1A
PRP three-phase power *	150 kVA (120 kW) / 400V / 216.5A
PRP single-phase power *	55 kVA / 230V / 239.1A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Turbo Aftercooler, Direct Injection, Water Cooled

Model	Perkins 1106A-70TAG2
Output *	144.9 kW (196 HP)
Cylinders / Displacement	6 / 7010cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	24.7 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	230 litres
Running time (75% Load)	9.3 hours
IP protection degree	IP 44
Dimensions LxWxH (mm) *	3400 x 1200 x 1800
Dry weight *	2230 Kg
Measured acoustic power LwA (pressure LpA)**	94 dB(A) (69 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	95 dB(A) (70 dB(A) @ 7m)

* Dimensions and weight (Kg) without trolley/trailer

** Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 170-809

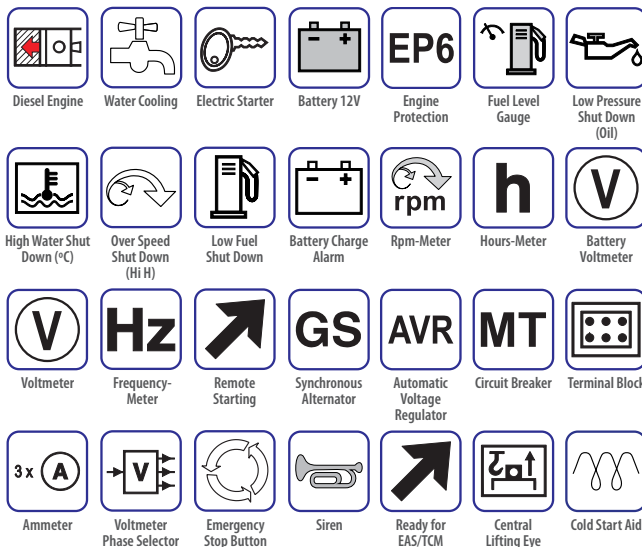
Factory Installation Options

- Electronic leakage relay
- Isometer
- Radio control
- Permanent magnet
- V adjustable from control panel
- Gauges - water temp & oil press
- Water heater WH
- Automatic fuel transfer pump
- Main battery switch

Factory Installation Options

- Spark arrester
- Fuel tank 120l / 350l / 850l
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.84165

Generating Sets

Three Phase Diesel 1500 rpm



Standard Features

- Manual digital control panel
- Four pole circuit breaker
- Hardwire connection
- AVR (Automatic Voltage Regulator)
- Bundled base with drain plug
- Central lifting eye & forklift pockets
- Super silenced canopy
- Warning siren - low fuel
- 230 Ltr fuel tank

Optional

- Socket panel - 6 x sockets
- AMF (Auto Mains Failure) panel
- Automatic digital control panel
- Remote start/stop
- Permanent magnet generator
- 120 & 350 Litre fuel tank
- 3-way valve external fuel connection
- Battery master switch
- Spark arrestor
- GSM communication module

Three Phase Diesel Generating Sets - 1500 rpm

Model	Power KVA / KW	Dimensions (mm)	Dry Weight
GE 90 FSX	90	2630 x 1130 x 1750	1530 Kg
GE 90 FSX (stage 3A)	90	2630 x 1130 x 1750	1580 Kg
GE 110 FSX	110	2630 x 1130 x 1750	1670 Kg
GE 110 FSX (stage 3A)	110	2630 x 1130 x 1750	1670Kg
GE 140 FSX	140	2630 x 1130 x 1750	1700 Kg
GE 140 FSX (stage 3A)	140	2630 x 1130 x 1750	1700 Kg

Generating Set

GE 165 FSX (Stage 3A) - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	168 kVA (134.4 kW) / 400V / 242.5A
PRP three-phase power *	153 kVA (122.4 kW) / 400V / 220.8A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) NEF67 TE1F
Output *	145 kW (197.2 HP)
Cylinders / Displacement	6 / 6700cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	26.5 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	425 litres
Running time (75% Load)	16 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	3750 x 1400 x 2030
Dry weight	2700 Kg
Measured acoustic power LwA (pressure LpA)*	93 dB(A) (68 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	94 dB(A) (69 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 170-809

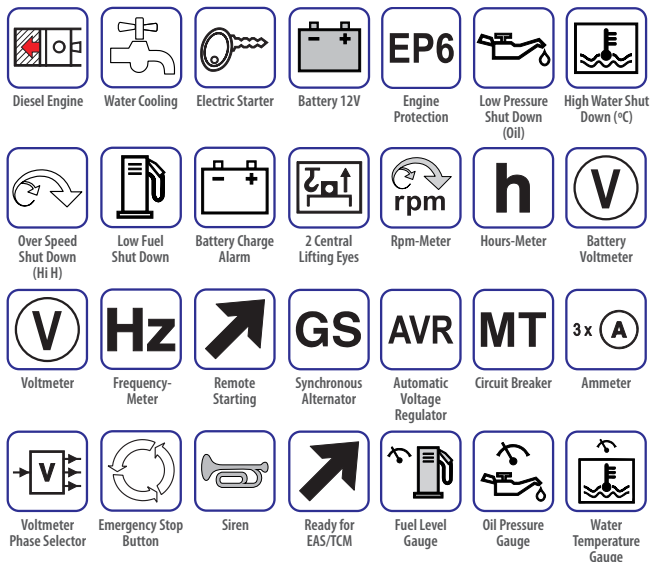
Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH
- Automatic fuel transfer pump
- Main battery switch

Factory Installation Options

- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.85165

Generating Set

GE 185 FSX - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bundled base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	192 kVA (153.6 kW) / 400V / 277A
PRP three-phase power *	175 kVA (140 kW) / 400V / 252A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) NEF67 TM4
Output *	165 kW (224 HP)
Cylinders / Displacement	6 / 6700cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	24.5 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	425 litres
Running time (75% Load)	17 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	3750 x 1400 x 2030
Dry weight	2800 Kg
Measured acoustic power LwA (pressure LpA)*	93 dB(A) (68 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	94 dB(A) (69 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 170-809

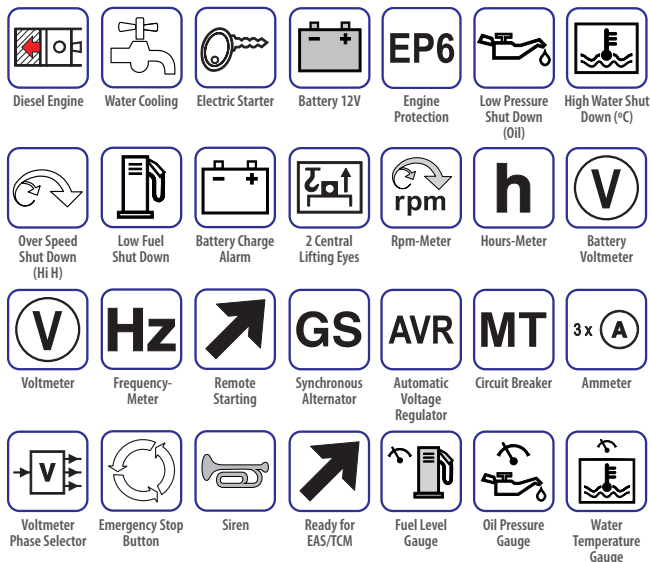
Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V Adjustable from control panel
- Water heater WH
- Automatic fuel transfer pump
- Main battery switch

Factory Installation Options

- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.85185

Generating Set

GE 225 FSX - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	225 kVA (180 kW) / 400V / 324.7A
PRP three-phase power *	204 kVA (163 kW) / 400V / 294.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) NEF67 TE2A
Output *	193 kW (262.5 HP)
Cylinders / Displacement	6 / 6700cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	34 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	425 litres
Running time (75% Load)	12.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	3750 x 1400 x 2030
Dry weight	2850 Kg
Measured acoustic power LwA (pressure LpA)*	93 dB(A) (68 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	94 dB(A) (69 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

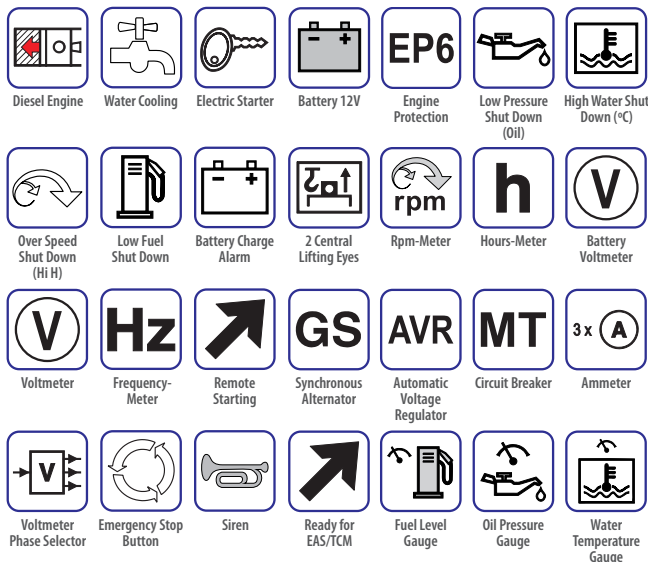
- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 275 MTE-809
- Cyclone air pre-filter (FPT (IVECO) C87 TE1F)

Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH

Factory Installation Options

- Automatic fuel transfer pump
- Main battery switch
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:
 - 1 x 400V 125A
 - 1 x 400V 63A
 - 1 x 400V 32A
 - 1 x 400V 16A
 - 2 x 230V 16A



Order Code: 35.84206

Generating Set

GE 225 FSX (Stage 3A) - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	225 kVA (180 kW) / 400V / 324.7A
PRP three-phase power *	206 kVA (163 kW) / 400V / 297.3A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) C87 TE1F
Output *	195 kW (265.7 HP)
Cylinders / Displacement	6 / 8700cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	37 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	425 litres
Running time (75% Load)	11.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	3750 x 1400 x 2030
Dry weight	3220 Kg
Measured acoustic power LwA (pressure LpA)*	95 dB(A) (70 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	96 dB(A) (71 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 275 MTE-809
- Cyclone air pre-filter (FPT (IVECO) C87 TE1F)




























Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH

Factory Installation Options

- Automatic fuel transfer pump
- Main battery switch
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V	

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (°C)
 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 2 Central Lifting Eyes	 Rpm-Meter	 Hours-Meter	 Battery Voltmeter
 Voltmeter	 Hz Frequency-Meter	 Remote Starting	 GS Synchronous Alternator	 AVR Automatic Voltage Regulator	 MT Circuit Breaker	 3x (A) Ammeter
 Voltmeter Phase Selector	 Emergency Stop Button	 Siren	 Ready for EAS/TCM	 Fuel Level Gauge	 Oil Pressure Gauge	 Water Temperature Gauge

Order Code: 35.84207

Generating Set

GE 275 FSX - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	275 kVA (220 kW) / 400V / 397A
PRP three-phase power *	250 kVA (200 kW) / 400V / 361A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) C87 TE1D
Output *	256 kW (348 HP)
Cylinders / Displacement	6 / 8700cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	41 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	425 litres
Running time (75% Load)	10.4 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	3750 x 1400 x 2030
Dry weight	3500 Kg
Measured acoustic power LwA (pressure LpA)*	95 dB(A) (70 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	96 dB(A) (71 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 275 MTE-809
- Cyclone air pre-filter





























Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH

Factory Installation Options

- Automatic fuel transfer pump
- Main battery switch
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	

 Diesel Engine	 Water Cooling	 Electric Starter	 Battery 12V	 EP6 Engine Protection	 Low Pressure Shut Down (Oil)	 High Water Shut Down (°C)
 Over Speed Shut Down (Hi H)	 Low Fuel Shut Down	 Battery Charge Alarm	 2 Central Lifting Eyes	 Rpm-Meter	 Hours-Meter	 Battery Voltmeter
 Voltmeter	 Hz Frequency-Meter	 Remote Starting	 GS Synchronous Alternator	 AVR Automatic Voltage Regulator	 MT Circuit Breaker	 3 x (A) Ammeter
 Voltmeter Phase Selector	 Emergency Stop Button	 Siren	 Ready for EAS/TCM	 Fuel Level Gauge	 Oil Pressure Gauge	 Water Temperature Gauge

Order Code: 35.84266

Generating Set

GE 275 FSX (Stage 3A) - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	275 kVA (220 kW) / 400V / 397A
PRP three-phase power *	250 kVA (200 kW) / 400V / 361A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) C87 TE3F
Output *	256 kW (348 HP)
Cylinders / Displacement	6 / 8700cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	47.5 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	425 litres
Running time (75% Load)	9 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	3750 x 1400 x 2030
Dry weight	3500 Kg
Measured acoustic power LwA (pressure LpA)*	95 dB(A) (70 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	96 dB(A) (71 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 275 MTE-809
- Cyclone air pre-filter (FPT (IVECO) C87 TE1F)

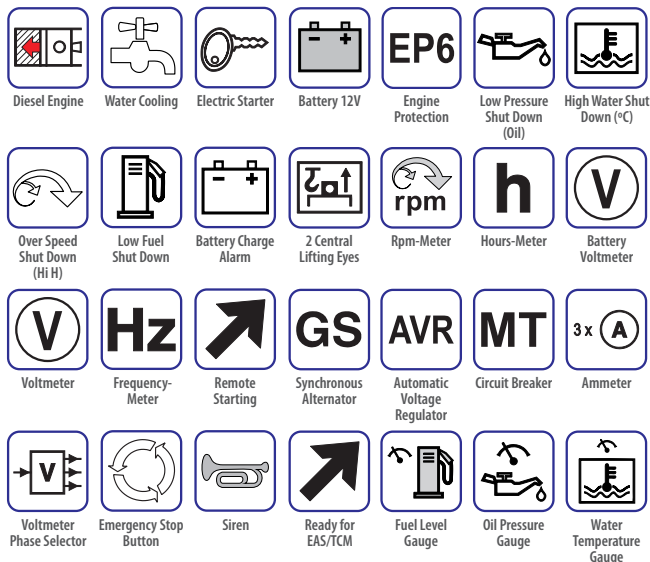
Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH

Factory Installation Options

- Automatic fuel transfer pump
- Main battery switch
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.84267

Generating Set

GE 335 FSX - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	330 kVA (264 kW) / 400V / 476.3A
PRP three-phase power *	300 kVA (240 kW) / 400V / 433A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) C10 TE1D
Output *	290 kW (394.4 HP)
Cylinders / Displacement	6 / 10300cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	50.3 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	580 litres
Running time (75% Load)	11.5 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	4100 x 1520 x 2150
Dry weight	3890 Kg
Measured acoustic power LwA (pressure LpA)*	97 dB(A) (72 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	98 dB(A) (73 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 435 MTE-809

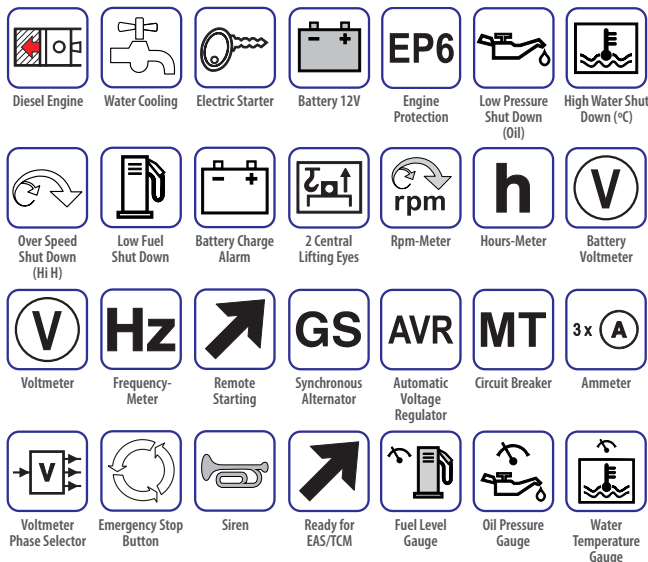
Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH
- Spark arrestor

Factory Installation Options

- Automatic fuel transfer pump
- Main battery switch
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.84306

Generating Set

GE 335 FSX (Stage 3A) - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	330 kVA (264 kW) / 400V / 476.3A
PRP three-phase power *	300 kVA (240 kW) / 400V / 433A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) C10 TE1F
Output *	290 kW (394.4 HP)
Cylinders / Displacement	6 / 10300cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	49.2 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	580 litres
Running time (75% Load)	11.8 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	4100 x 1520 x 2150
Dry weight	3500 Kg
Measured acoustic power LwA (pressure LpA)*	97 dB(A) (72 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	98 dB(A) (73 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

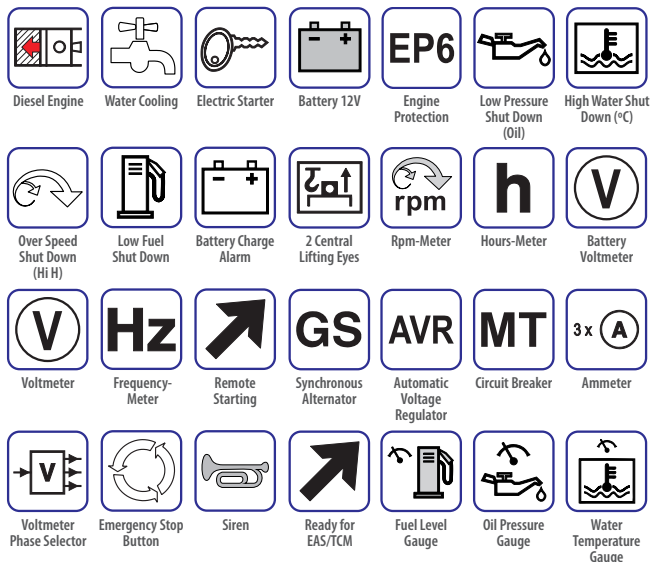
- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 435 MTE-809

Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH
- Automatic fuel transfer pump

Factory Installation Options

- Spark arrester
- Main battery switch
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:
 - 1 x 400V 125A
 - 1 x 400V 63A
 - 1 x 400V 32A
 - 1 x 400V 16A
 - 2 x 230V 16A



Order Code: 35.84307

Generating Set

GE 385 FSX - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	385 kVA (308 kW) / 400V / 555.7A
PRP three-phase power *	350 kVA (280 kW) / 400V / 505.2A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) C13 TE2A
Output *	330 kW (448.8 HP)
Cylinders / Displacement	6 / 12900cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	53.7 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	580 litres
Running time (75% Load)	10.8 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	4100 x 1520 x 2150
Dry weight	4050 Kg
Measured acoustic power LwA (pressure LpA)*	97 dB(A) (72 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	98 dB(A) (73 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 435 MTE-809

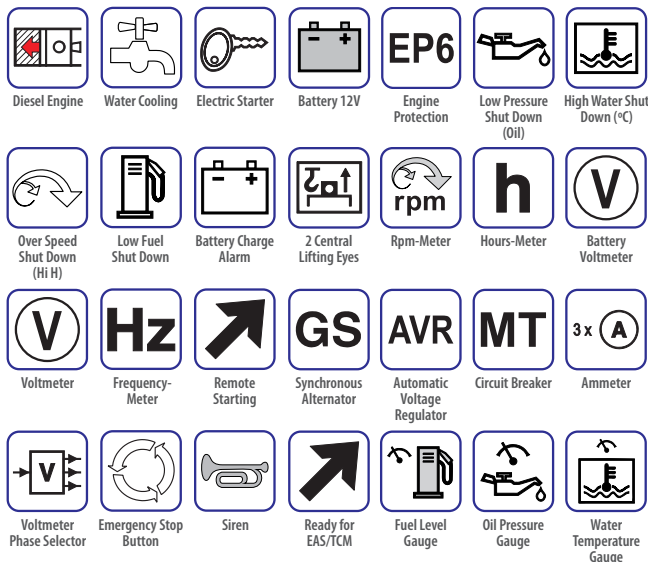
Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH
- Automatic fuel transfer pump

Factory Installation Options

- Main battery switch
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.84356

Generating Set

GE 385 FSX (Stage 3A) - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	382 kVA (305.6 kW) / 400V / 521.4A
PRP three-phase power *	346 kVA (276.8 kW) / 400V / 499.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) C13 TE1F
Output *	327 kW (444.7 HP)
Cylinders / Displacement	6 / 12900cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	69 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	580 litres
Running time (75% Load)	8.4 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	4100 x 1520 x 2150
Dry weight	4100 Kg
Measured acoustic power LwA (pressure LpA)*	97 dB(A) (72 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)*	98 dB(A) (73 dB(A) @ 7m)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 435 MTE-809

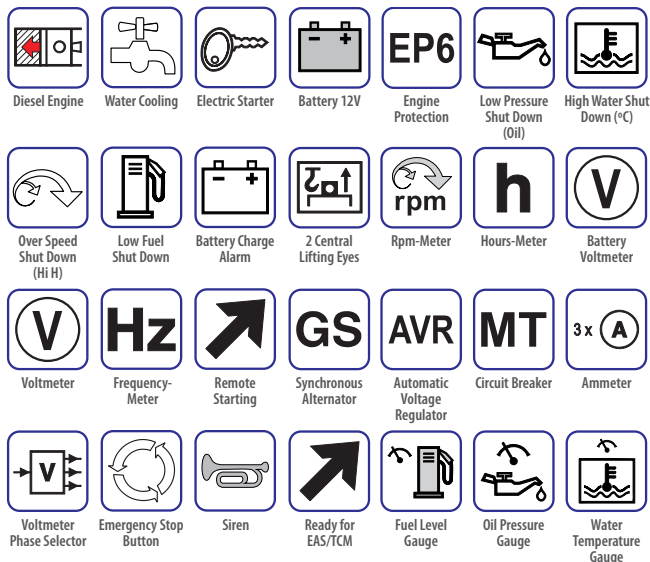
Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH
- Automatic fuel transfer pump

Factory Installation Options

- Main battery switch
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.84357

Generating Set

GE 455 FSX - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	450 kVA (360 kW) / 400V / 649.5A
PRP three-phase power *	410 kVA (328 kW) / 400V / 591.8A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) C13 TE3A
Output *	387 kW (526.3 HP)
Cylinders / Displacement	6 / 12900cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	66 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	580 litres
Running time (75% Load)	8.8 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	4100 x 1520 x 2150
Dry weight	4240 Kg
Noise level @ 7 metres*	97 LwA 72 dB(A)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 435 MTE-809

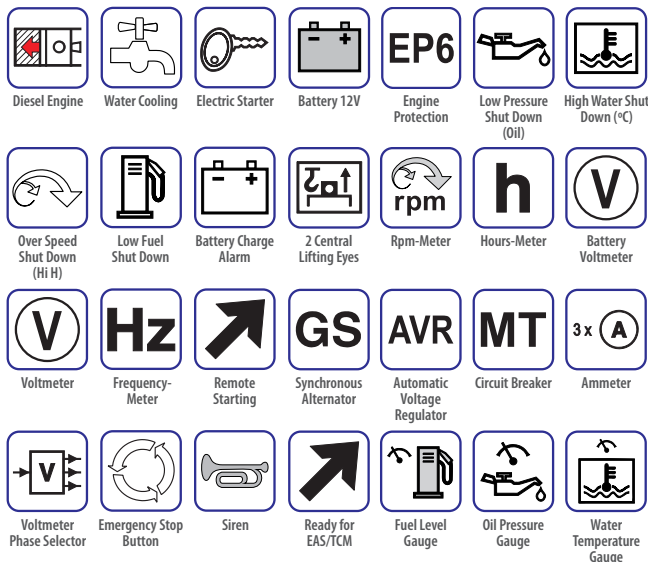
Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH
- Automatic fuel transfer pump

Factory Installation Options

- Main battery switch
- Spark arrester
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.84406

Generating Set

GE 455 FSX (Stage 3A) - Diesel

Key Features

- Common-rail engines with electronic governor
- Closed crankcase ventilation
- Engine protection EP6
- Automatic voltage regulator (AVR)
- Four pole circuit breaker
- Super silenced
- Oil drain pump
- Bunded base with drain plug
- 2 central lifting eyes
- Ready for connection to automatic transfer unit EAS
- Meets EC directives for noise and safety

A.C. Generation - 50Hz - Three Phase, Brushless Alternator

Stand-by three-phase power *	440 kVA (352 kW) / 400V / 635.1A
PRP three-phase power *	400 kVA (320 kW) / 400V / 577.4A
Power factor (cos)	0.8
Insulation class	H

* Output power according to ISO 8528-1

Engine - Diesel, 4-Stroke, Common Rail, Turbo Aftercooler, Direct Injection, Water Cooled

Model	FPT (IVECO) C13 TE2F
Output *	377 kW (512.7 HP)
Cylinders / Displacement	6 / 12900cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	76 l/h

* Power according to ISO 3046-1

General Specifications

Tank capacity	580 litres
Running time (75% Load)	7.6 hours
IP protection degree	IP 44
Dimensions LxWxH (mm)	4100 x 1520 x 2150
Dry weight	4100 Kg
Noise level @ 7 metres*	97 LwA 72 dB(A)

* Acoustic power according to European Directive 2000/14/EC



Optional

- Earthing kit
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 435 MTE-809

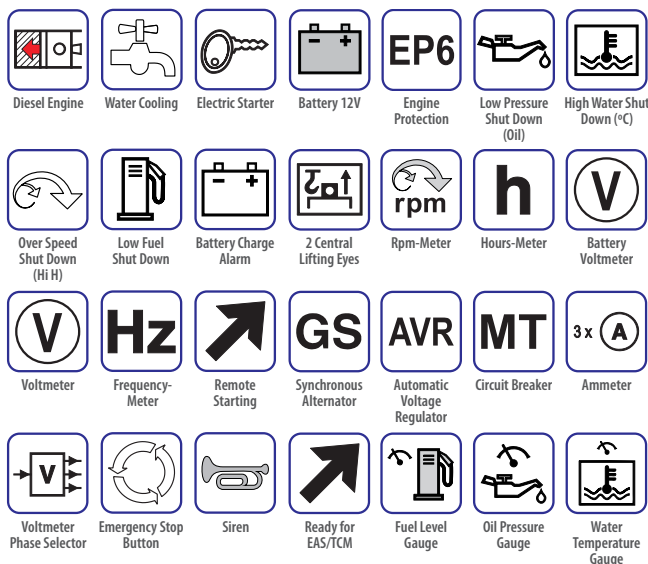
Factory Installation Options

- Electronic leakage relay
- Radio control
- Permanent magnet
- V adjustable from control panel
- Water heater WH
- Automatic fuel transfer pump

Factory Installation Options

- Main battery switch
- Spark arrestor
- Low level water radiator sensor
- 3-way valve fuel system with quick connection for external fuel tank supply
- The electrical panel with sockets CEE:

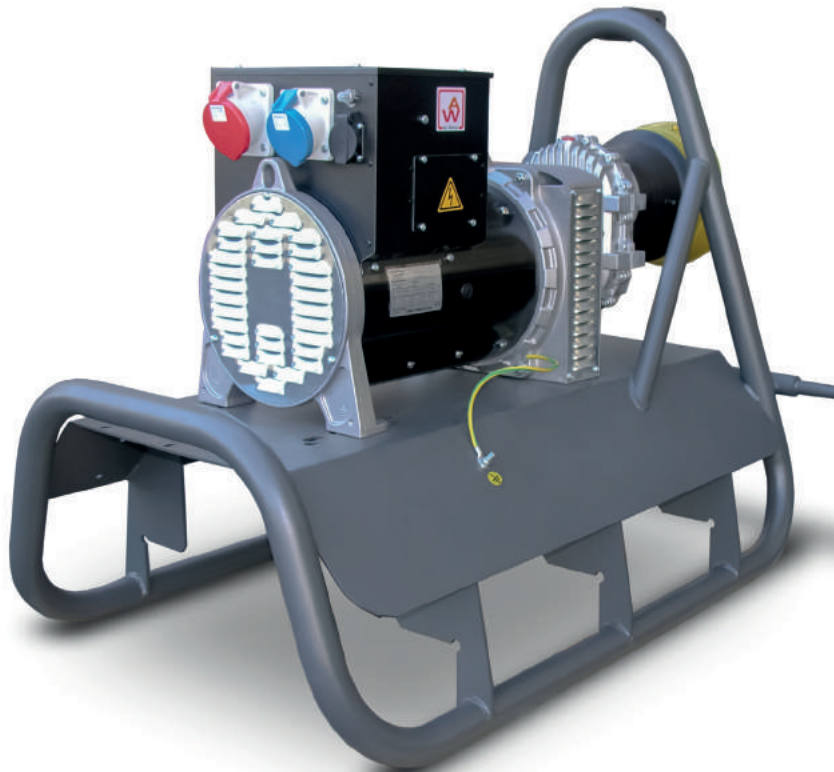
1 x 400V 125A	1 x 400V 63A
1 x 400V 32A	1 x 400V 16A
2 x 230V 16A	



Order Code: 35.84407

Generating Sets

P.T.O - AVR

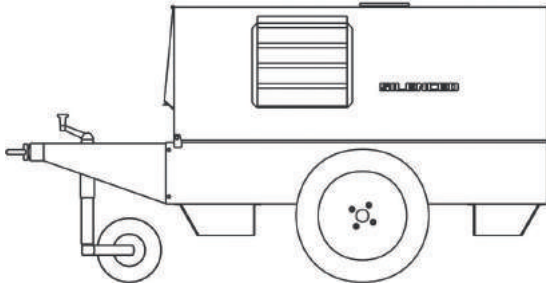


Three-Phase AVR

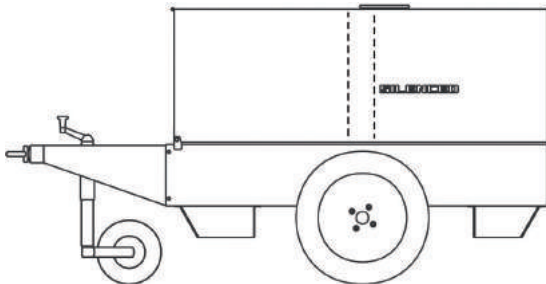
Model	400V	230V
GXT AWB4-22	22	8,8
GXT AWB4-30	30	12
GXT AWB4-45	45	18
GXT AWB4-50	50	20
GXT AWB4-65	65	26
GXT AWB4-80	80	32

Welding & Generator Accessories

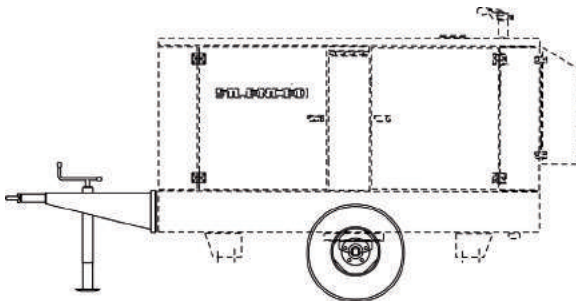
CTL Site Tow Kits



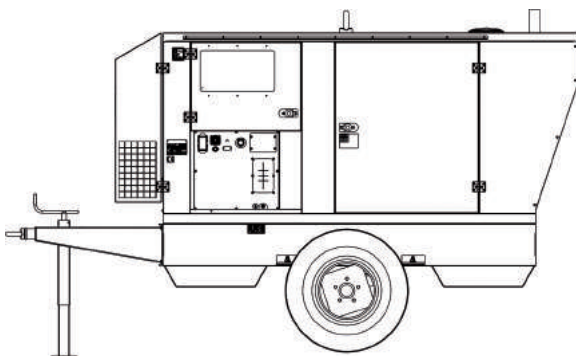
Order Code: CTL300/400



Order Code: CTL22

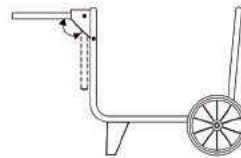


Order Code: CTL35

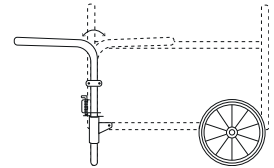


Order Code: CTL45

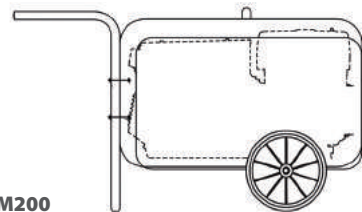
CTM Wheels & Handles Kits



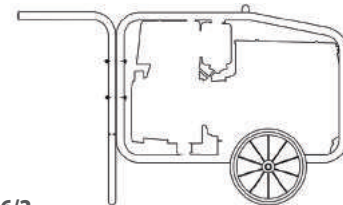
Order Code: CTM-MW



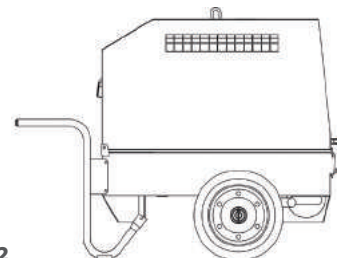
Order Code: CM8



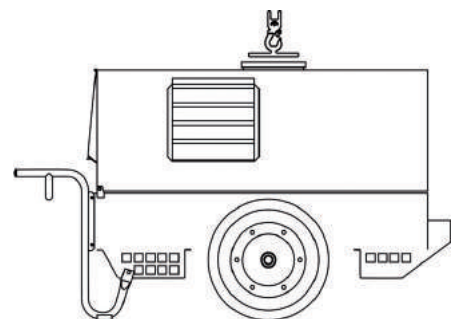
Order Code: CTM200



Order Code: CTM6/2



Order Code: CTM2



Order Code: CTM300

Welding & Generator Accessories

Roadstar Road Trailers Road Tow - Unbraked



Order Code: RST5

Road Tow



Order Code: RST10

Road Tow - Braked



Order Code: RST20

Full Chassis Road Tow-Braked



Order Code: RST35

Welder Remote Control 20m



Order Code: TC2/TC7

Welder Remote Control 20m



Order Code: RC2

Generator Remote Start/Stop Control 10m



Order Code: TCM

CC/CV Wire Feed Unit



Order Code: WF4

Welder Accessory Kit



Order Code: TC4

Welding Cable Sets



Order Code: WCS

Parallel Box 2 x 300A



Order Code: PAR600

Service Kits & Spare Parts



Order Code: 77.SKD

Factory Fitted Options



3-Way Valve Kit

To allow fuel transfer from an external large tank



24 hour Fuel Tank

For a very long run operating time



Cataphoresis

A special anti-corrosion treatment for use in harsh environments



Spark Arrester

An anti-flame return device integrated in the engine exhaust system

Generator Selection Data

- 1 Add the wattage of each tool or appliance together to find the total number of watts (this information is normally found on the rating plate)
- 2 Check what, if any, additional starting power the tool or appliance requires - see load starting & appliance type guide
- 3 Select the generating set - Include an additional 10% power capacity for future use

Starting Load

Electrical equipment such as air compressors, cement mixers, pumps & refrigerators normally require 2-3 times their normal running power to start (See motor starting guide)

Resistive loads such as lighting, kettles, heaters etc do not require additional starting power but power tools may require extra capacity when operated under full load

kW = kilowatt
kVA = Kilo Volt Amp
HP = Horsepower

HP	kW
1.0	0.75
1.5	1.12
2.0	1.49
3.0	2.24
5.0	3.73
5.5	4.10
7.5	5.59
10.0	7.46
20.0	14.91

Useful Power Conversions

1kW	=	1.25kVA
1kVA	=	0.8kW
1kW	=	1000W
1 HP	=	746W

Motor Starting Guide

Motor Size	Running Watts	Starting Watts
1/4" HP	400	1050
1/2" HP	600	1800
3/4" HP	850	2600
1.0 HP	1100	3300
2.0 HP	2200	6600
3.0 HP	3300	9900

To Convert

kVA to kW	Multiply by	0.8
kW to kVA	Divide by	0.8
Watts to kW	Divide by	1000
Watts to HP	Multiply by	0.00134
kW to HP	Multiply by	1.34
HP to kW	Multiply by	0.746

To Find

Watts calculate:
Volts x Amps

Amps calculate:
Watts / Volts

Appliance Type

Watts

Construction

Air Compressor	3300W**
Angle Grinder: 4" to 12"	550-2500W
Arc Welders: 130 to 200A	3500-7000W
Cement Mixer	1000-1500W**
Bench Saw Masonry: 10" to 14"	4000-7000W**
Bench Saw Timber: 12" to 16"	3000-6000W**
Circular Saw	1000-1500W
Concrete Poker	1500W
Dehumidifier	4000W
Fan Heater	1000-3000W
Flood Lamp	500W
Electric Drill: 8mm to 23mm	350-1000W
Hammer/Breaker	3000W
Hot Air Gun	1500-2000W
Impact Wrench	1000W
Jig Saw	400W
Planers	700-1000W
Routers	500-1000W
Sanders: (Floor) 8"	2000W
Sanders (Orbital)	1000W

Garden

Chain Saw: 10" to 16"	1500W
Hedge Trimmer	350W-500W
Lawn Mower: 10"	800-1000W
Pressure Washer: 2HP	2200W**
Strimmer: 10"	350W

Domestic/Commercial

Central Heating Pump	300W
Colour TV	250W
Computer	400-1200W
Cooker	3000W-10000W**
Electric Iron	1500-2000W
Freezer	700-4000W**
Fluorescent Lamp	60W
Kettle	3000W
Light Bulb	60-150W
Microwave	600-2000W
Photocopier	1600W
Radio/HiFi	200W
Refrigerator: Large	700-1500W**
Tumble Dryer	2400W**
Washing Machine	1000-4000W**

For precise wattage refer to manufacturers rating plate

**See motor starting guide

LIGHTING TOWERS



Lighting Towers

Mini Tower Light - LED

Key Features

Lamp type	LED
Power	2 x 300W
Illuminated area	1800m ² (21 lux average)
Mast	5.5m
Lifting system	Manual winch
Construction material	Zinc plated steel
Engine	Yanmar L70 diesel, electric starter
Tank capacity	23 ltr with bunded base
Running time	44 hours
Noise level	93 Lwa 68 dbA
AC output	2.8 kW - 110V
Output socket	1 x 16A - 110V
Manual trolley	c/w folding handles
Tower min dimensions	L-1125 x W-1256 x H-2236mm
Tower max dimensions	L-1853 x W-1380 x H-5500mm
Dry weight	350 Kg
Certified wind proof	Up to 50 mph



MOSA Light

Order Code: 35.SL55L-110

Control Panel:



Starter Key



Low Pressure Protection (Oil)



Low Fuel Protection



Circuit Breaker



Individual Circuit Breaker Switches for floodlights



110V Socket

Multifunction LED Display:



Hours-Meter



Voltmeter



Battery Voltmeter



Frequency-Meter

Lighting Towers

Mini Tower Light Kit c/w 6kVA Generating Set

Key Features

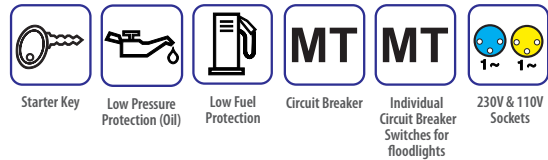
Lamp type	Metal halide (LED optional)
Power	4 x 150W
Illuminated area	1800m ² (18 lux average)
Mast	5.5m
Lifting system	Manual winch
Construction material	Zinc plated steel
Engine	Yanmar L100 diesel, electric starter
Tank capacity	23 ltr with bunded base
Running time	19 hours
Noise level	92 Lwa 67 dbA
AC output	5 kW 110V - 5 kW 230V
Output sockets	1 x 32A 1 x 16A 110V 1 x 32A 230V
Manual trolley	c/w folding handles
Tower min dimensions	L-1480 x W-1090 x H-2180mm
Tower max dimensions	L-1730 x W-1570 x H-5500mm
Dry weight	450 Kg
Certified wind proof	Up to 50 mph



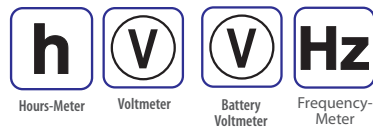
MOSA Light



Control Panel:



Multifunction LED Display:



Order Code: 35.SL55G-MH4-2

Lighting Towers

Lighting Kit

Key Features

- Zinc plated telescopic mast
- 340° manual rotation of the tower
- Wind proof up to 80 km/h
- Base with 4 x adjustable stabilisers, two extendable
- Three phase power supply plug CEE 32A/ 400V/ 5P
- Two axes manually adjustable floodlights
- Safety valve for lowering the tower in case of hydraulic system failure
- Lifting hooks and forklift pockets
- Switches to on/off for lamps
- Hydraulic raise/lower
- Meets EC directives



Order Code: TFCUBE

Light and Energy

Hydraulic lifting with generating set

Key Features

- Single point lifting eye and forklift pockets
- Meets EC directives for noise and safety
- Zinc plated telescopic mast
- Safety valve for lowering the tower in case of hydraulic system failure
- Engine protection EP6
- Bunded base
- Spark arrestor
- Super silenced



Order Code: TF119Y



Lighting Kit

Key Features

- Zinc plated telescopic mast
- Manual winch raise/lower
- Wind proof up to 80 km/h with generator having weight ≥ 80 Kg
- Two axes manually adjustable floodlights
- Trolley with wheels and handles
- ON/OFF Switches one for each lamp
- Two axes manually adjustable floodlights
- Safety lock
- Lifting hooks and forklift pockets
- Frame prepared for installing a generating set from 4 to 7 kVA
- Meets EC directives

Order Code: TFNM5.5