

PowerSUM

PD14KSE

Standby 14KVA Diesel Generators
50 HZ & Three phases



PowerSUM

Model

Prime Power (KVA)	13
Standby Power (KVA)	14
Power Factor	0.8
Frequency (HZ)	50
Rate Voltage (V)	230 / 400
Rate Current (A)	18
Controller	HM500
Control Voltage (DC/V)	12
Battery Capacity (Ah)	30x2
Coolant Capacity (L)	6
Fuel Tank Capacity (Base frame) (L)	46
Fuel Consumption (L/H)	4.5
Running Time (Hour)	10
Sound @7 meter (dBA)	62
Open Type Product Size (MM)	1250x800x920
Open Type Weight (KG)	435
Canopy Type Product Size (MM)	1750x791x1094
Canopy Type Weight (KG)	665

Measurement, displayment HM500

Genset prime power Kw	●
Power factor	●
Engine speed	●
Phase to neutral voltage	●
Phase to phase voltage	●
Genset frequency	●
Genset current	●
Mains Phase to neutral voltage	\
Mains Phase to phase voltage	\
Mains frequency	\
Engine oil pressure	●
Engine water temperature	●
Fuel level	●
Battery voltage	●
Genset power KVA	●
Genset running time	●
Genset output KWh	\
History file	\

● Standard \ None

Engine Model

D480

Prime Power (KW)	14
Structure	4 Cylinder,Inline
Fuel Type	Diesel
Fuel Consumption (L/H)	4.5
Lubricant Consumption (L/H)	0.0175
Governor	Mechanical
Cooling	Water
Lubricant Capacity (L)	3.5
Air Intake Flow (m ³ /min)	1.6
Exhaust Gas Flow (m ³ /min)	4.5
Exhaust Gas Temperature (°C)	550
Exhaust Gas Back Pressure (Kpa)	5
Compression Ratio	18
Aspiration	Natural
Bore (MM)	90
Stroke	95
Displacement (L)	1.815
SAE	4 / 7.5
Dimension (MM)	614x494x626
Net Weight (KG)	155

Alternator Model

164C

Prime Power (KW)	14
Structure	1 Bearing
Excitation Mode	Self-excitation
Insulation Class	H
Protection Class	IP23
TIF	<50
THF	<2%
Air Flow (m ³ /S)	0.071
AVR Model	SX460