



K-MAX 5 AIR COOLED GENSETS

PRO7 SDG

CE Approved; 50 Hz; 3000 rpm; power outputs: 5.0-5.5 kVA

AIR COOLED GENERATING SETS

BASIC CHARACTERISTICS

- 50Hz, 3000 rpm, single phase
- designed for light duty, portable and emergency power applications
- easy start direct injection engine
- Bosch fuel gear
- marine / tropical grade alternator winding protection
- Deep Sea remote / 2-wire start control panel suitable for inverter or AMF signal
- improved piston design:
 - lower emissions
 - less vibration

STANDARD FEATURES

- top opening easy access acoustic canopy
- corrosion resistant zirconium phosphate treated steel
- robust ripple effect scratch resistant powder coated canopy finish
- 12V electric starting system
- naturally aspirated diesel engine
- 15-litre fuel tank with contents gauge and easy access in-line fuel filter
- medium duty air cleaner
- exceptional anti vibration mounting
- removable relocating handles
- comprehensive engine protection
- 12V starter battery and leads
- fitted with 230V battery maintainer
- mechanical governing
- operator handbook
- single bearing, 2-pole alternator
- 1 x 15amp and 1 x 32amp sockets
- 4 high grade wheels
- 24 months conditional warranty (see operator manual)



STANDARD CONTROL PANEL FEATURES

- key switch
- back-lit icon LCD display
- LED and LCD alarm indication
- USB configurable and alarms
- remote start input
- generator voltage display
- battery voltage display
- engine speed display
- hours counter
- comprehensive shutdown or warning on fault condition



OPTIONS

- wireless remote push button start
- remote / wall mounted mains sensing automatic transfer switch (ATS) with static battery charger, 50 amp single phase

K-MAX ATS

- Schneider contactors
- 50 amp single phase rating
- 3 meter plug in loom provided between ATS and K-Max genset for remote start signal and battery charging current



POWER OUTPUTS		
50 Hz, 3000 r/min, single phase, 220-240V		
Rating	kVA	kWe
Light Duty ¹	5.0	5.0
Emergency ²	5.5	5.5

1. Light Duty

Light duty rating is applicable for supplying power in portable and/or intermittent applications. The average load should not be lower than 40% or higher than 80% of this rating. Continuous use should not exceed 3 hours and annual operation should not exceed 300 hours to be within the sanctioned parameters.

2. Emergency Duty

Emergency duty rating is applicable for supplying power for the duration of a utility power outage. No overload capability is available. Average load should not be lower than 40% or higher than 80% of this rating. Annual operation should not exceed 200 hours to be within the sanctioned parameters.

Derating

Maximum ambient operating temperature is 45°C. De-rating factors must be applied in ambient temperatures over 25°C and altitudes over 100m above sea level.

SOUND PRESSURE
Acoustic sets, 75% load at 7m
72 dB(A)

APPROXIMATE WEIGHT AND DIMENSIONS		
Length (A)	mm	905
	in	35.6
Width (B)	mm	550
	in	21.6
Height (C)	mm	745
	in	29.3
Dry Weight	kg	163
	lb	359

APPROXIMATE FUEL CONSUMPTION	
Load	Litres per hour
100%	1.9
80%	1.2
60%	0.9
40%	0.8

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DISTRIBUTOR'S ADDRESS

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