Generator Technical Data Sheet for

Powerhouse Series PHG220Do

Power Systems



The Powerhouse Series, ranging from 10 to 2230kVA, are built to a world-class standard and these remarkably competitive standby generators provide the most cost-effective solution for 'standard package' requirements.

A first class range of diesel powered generators for prime and standby power applications.

Featuring reliable components from leading manufacturers, they are a premium product upon which your company can continue to build its reputation.

Standard Features

- High Quality Acoustic and Weatherproof Canopy
- Intelligent Auto-Start Controller with Generator
- Monitoring and Protection Systems Suitable for Remote Starting or Connection with Scorpion AMF Panel
- Battery Trickle Charger
- Thermostatically Controlled Engine Heater
- Long Range Bunded Base Fuel Tank
- Ability to be Customised to Specific Requirements
- Output Circuit Breaker

MODEL: PHG220Do	STANDBY	PRIME
400V, 3 Phase, 50Hz	220KVA	200kVA
Ratings at 0.8 Power Factor	176kW	160kW
SPECIFICATION		
Engine	DOOSAN P086TI	
Frequency	Hz	50
Engine Speed	RPM	1500
Fuel Tank Capacity	Litres	490
Fuel Consumption at 75% Load:	Litres / Hour	31.7
Autonomy at 75% Load:	Hours	15
DIMENSIONS		
Length	mm	3300
Width	mm	1100
Height	mm	1500
WEIGHT		
Weight (Including Lube Oil & Coolant, Excluding Diesel)	KG	2230
SOUND PRESSURE LEVELS		
7 Metre	dB(A)	70

Distributor:

Prime: This rating is for the supply of continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation on the annual hours of operation and 10% overload power can be supplied for one hour in twelve hours.

Standby: This rating is for the supply of continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted.

Note: Standard reference conditions: 25deg C (77deg F) air inlet temperature, 152.4m (500feet) above sea level, 60% relative humidity. All engine performance data based on the above mentioned maximum continuous ratings.

Fuel consumption data at full load for diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, class A2.

In line with our policy of continuous development, we reserve the right to change specification without notice.

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