

P50-3_50Hz

Diesel Generator



Product Name	P50-3_50Hz
Manufacturer	FG Wilson
Category	Diesel Generator

TECHNICAL SPECIFICATIONS

Electrical Specifications

Rated Voltage (V)	230-400 V
Frequency (Hz)	50 Hz
Prime Power (kVA/kW)	45 kVA / 36 kW
Standby Power (kVA/kW)	36 kVA / 40 kW
Power Factor	0.8

Generator Specifications

Engine Make/Model	Perkins 1103A-33TG1
Number of Cylinders	3
Bore x Stroke (mm)	105 x 127 mm
Fuel Type	Diesel
Oil Capacity (L)	8.3 L
Radiator Air Flow, m ³ /min	86.4 m ³ /min
Total Coolant Capacity, L	10.2 L

Alternator

Make/Model	FG Wilson FGL20060
Number of Bearings	1
Over Speed, rpm	2250
Temperature Rise, °C	50° C

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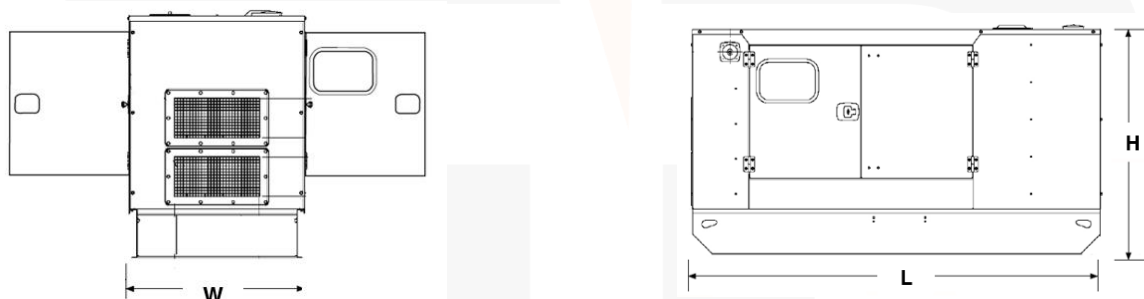
Fuel Consumption

Recommended Fuel	Class A2 Diesel
Fuel tank capacity (L)	145 L
100% load with fan, L/hr	10.5 L/hr
75% load with fan, L/hr	7.8 L/hr
50% load with fan, L/hr	5.6 L/hr

Modular Acoustic Enclosure

Sound Pressure Level (dBA) @ 7m	63 dBA
Enclosure Type	Canopy

WEIGHTS & DIMENSIONS



Length (L) mm	Width (W) mm	Height (H)mm
2291 mm	1026 mm	1426 mm

Dry Weight (kg)

Open Type	764 kg
Sound Attenuated Type	1025 kg

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