

# P850-1\_SA

## Diesel Generator



<b>Product Name</b>	<b>P850-1_SA</b>
<b>Manufacturer</b>	FG Wilson
<b>Category</b>	Diesel Generator

## TECHNICAL SPECIFICATIONS

### Electrical Specifications

Rated Voltage (V)	230-400 V
Frequency (Hz)	50 Hz
Prime Power (kVA/kW)	770 kVA / 616 kW
Standby Power (kVA/kW)	850 kVA / 680 kW
Power Factor	0.8

### Generator Specifications

Engine Make/Model	Perkins 2806A-E18TTAG5
Number of Cylinders	6
Bore x Stroke (mm)	145 x 183 mm
Fuel Type	Diesel
Oil Capacity (L)	853 L
Radiator Air Flow, m <sup>3</sup> /min	37 m <sup>3</sup> /min
Total Coolant Capacity, L	109.5 L

### Alternator

Make/Model	Leroy Somer LL7224L
Number of Bearings	1
Over Speed, rpm	2250
Temperature Rise, °C	50° C

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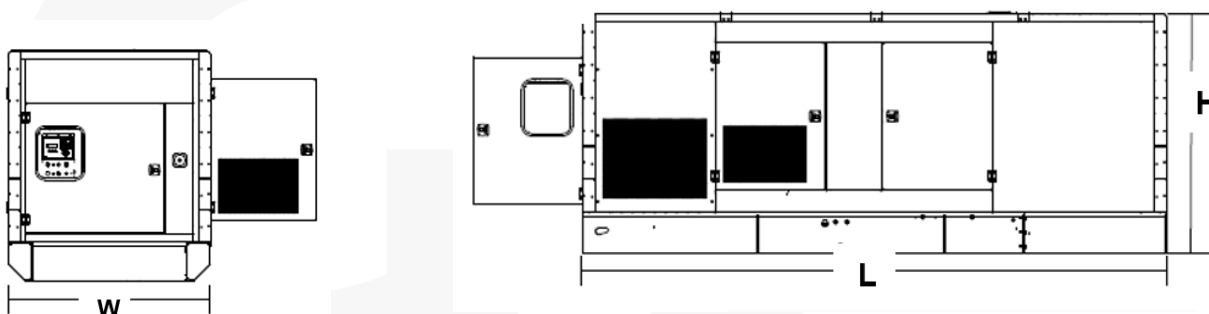
### Fuel Consumption

Recommended Fuel	Class A2 Diesel
Fuel tank capacity (L)	1702 L
100% load with fan, L/hr	160.3 L/hr
75% load with fan, L/hr	117.6 L/hr
50% load with fan, L/hr	80.9 L/hr

### Modular Acoustic Enclosure

Sound Pressure Level (dBA) @ 7m	75 dBA
Enclosure Type	Canopy/Containerized

## WEIGHTS & DIMENSIONS



Length (L) mm	Width (W) mm	Height (H)mm
4130 mm	1690 mm	2570 mm

### Dry Weight (kg)

Open Type	4930 kg
Sound Attenuated Type	6629 kg

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