

# GF-P850-1-0001 Generator



Output Prime kVA	770
Output Prime kW	616
Enclosure Type	Open Set
Fuel Capacity (L)	1702
Fuel Cons L/hr 100% Prime	160.3
Run HRs 100% Prime	10.6
Fuel Cons. @ 75% Load (L/Hr)	117.6
Fuel Cons. 50% Load (L/Hr)	80.9
Bunded	No

## Generator Configuration

Voltage	415
Control Panel	Comap MRS-16
Base Tank Type	STD
Circuit Breaker	4 Pole-Mot
Mains Charger	Yes
Lifting Frame	No
Forklift Pocket Skid	No
Water Jacket Heater	No

## Engine Data

Engine Brand	Perkins
Engine Model	2806A-E18TTAG5
Number of Cylinders	6 - In Line
Governor	Electronic
Induction	Turbo Air to Air Charged
Compression ratio	14.0:1
Displacement	18.10
Alternator Charge Amp	70
Filter Type (Fuel)	Replaceable Element
Fuel Class	A2 Diesel
Air Filter Type	Replaceable Element
Oil Filter Type	Eco, Full Flow
Total Oil Capacity	68.00
Oil Type	API CH4 / CI4

## Alternator Data

Alternator Brand	LeRoy Somer
Alternator Model	LL7224L
Prime Amps per $\phi$	1072
AVR Model	R450M
Volt Reg	+/- 0.5%
Insulation Class	H
Winding Pitch	2/3
Excitation	AREP
Frequency (Hz)	50

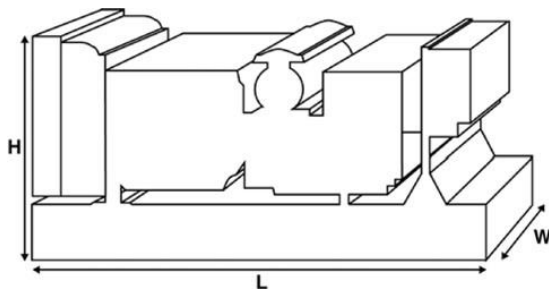
## Prime Rating

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

## Standard Reference Conditions

Note: Standard reference conditions 25°C Air Inlet Temp, 100m MASL, 30% Relative Humidity, dB(A) are free field.

LENGTH	4130mm	WIDTH	1690mm
HEIGHT	2569mm	DOOR	0mm
WEIGHT	6490kg		



Mains Failure Transfer Panel (Option)	AT11250
Noise (dBA) @ 1m 100% Load	N/A
Noise (dBA) @ 1m 75% Load	N/A
Noise (dBA) @ 7m 100% Load	N/A
Noise (dBA) @ 7m 75% Load	N/A

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