

GF-P50-3-0001 Generator



Output Prime kVA	45
Output Prime kW	36
Enclosure Type	Open Set
Fuel Capacity (L)	194
Fuel Cons L/hr 100% Prime	10.5
Run HRs 100% Prime	18.5
Fuel Cons. @ 75% Load (L/Hr)	7.8
Fuel Cons. 50% Load (L/Hr)	5.6
Bunded	No

Generator Configuration

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

Engine Data

Engine Brand	Perkins
Engine Model	1103A-33TG1
Number of Cylinders	3 - In Line
Governor	Mechanical
Induction	Turbocharged
Compression ratio	17.25:1
Displacement	3.30
Alternator Charge Amp	65
Filter Type (Fuel)	Replaceable Element
Fuel Class	A2 Diesel
Air Filter Type	Replaceable Element
Oil Filter Type	Spin-On, Full Flow
Total Oil Capacity	8.30
Oil Type	API CG4/CH4 15W-40

Alternator Data

Alternator Brand	LeRoy Somer
Alternator Model	LL1514L
Prime Amps per ϕ	62
AVR Model	R220
Volt Reg	+/- 0.5%
Insulation Class	H
Winding Pitch	2/3
Excitation	Shunt
Frequency (Hz)	50

Prime Rating

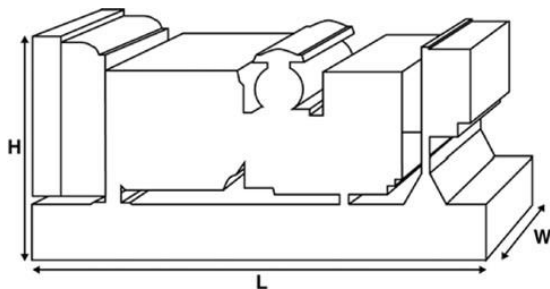
These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

Standard Reference Conditions

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

LENGTH	1680mm	WIDTH	760mm
HEIGHT	1330mm	DOOR	0mm
WEIGHT	930kg		

Mains Failure Transfer Panel (Option)	CT1125
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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