

GF-PRO-100-0999 Generator



Output Prime kVA	100
Output Prime kW	80
Enclosure Type	Rental
Fuel Capacity (L)	410
Fuel Cons L/hr 100% Prime	23.5
Run HRs 100% Prime	17.4
Fuel Cons. @ 75% Load (L/Hr)	20.4
Fuel Cons. 50% Load (L/Hr)	14.6
Bunded	Yes

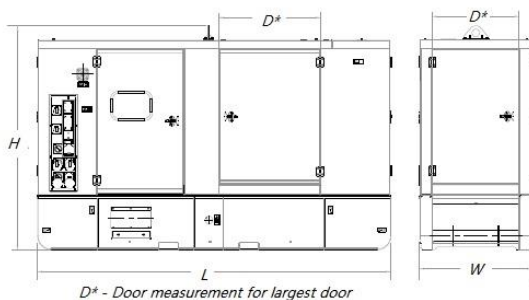
Generator Configuration

Voltage	415
Control Panel	DSE7310
Base Tank Type	Bunded
Circuit Breaker	4 Pole
Mains Charger	Yes
Lifting Frame	Yes
Forklift Pocket Skid	Yes
Water Jacket Heater	No

Alternator Data

Alternator Brand	LeRoy Somer
Alternator Model	LL3114F
Prime Amps per ϕ	139
AVR Model	R250
Volt Reg	+/- 0.5%
Insulation Class	H
Winding Pitch	2/3
Excitation	Shunt
Frequency (Hz)	50

LENGTH	2770mm	WIDTH	1120mm
HEIGHT	1847mm	DOOR	860mm
WEIGHT	2380kg		



Engine Data

Engine Brand	Perkins
Engine Model	1104D-E44TAG2
Number of Cylinders	4 - In Line
Governor	Electronic
Induction	Turbocharged
Compression ratio	16.7:1
Displacement	4.40
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	7.00
Oil Type	API CG4/CH4 15W-40

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.

Mains Failure Transfer Panel (Option)	CT1160
Noise (dBA) @ 1m 100% Load	78
Noise (dBA) @ 1m 75% Load	78
Noise (dBA) @ 7m 100% Load	67
Noise (dBA) @ 7m 75% Load	67

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