

GF-P300-5-0996 Generator



Output Prime kVA	275
Output Prime kW	220
Enclosure Type	Level 1 High Ambient
Fuel Capacity (L)	503
Fuel Cons L/hr 100% Prime	58.3
Run HRs 100% Prime	8.6
Fuel Cons. @ 75% Load (L/Hr)	44.6
Fuel Cons. 50% Load (L/Hr)	32.0
Bunded	D/Skin Tank

Generator Configuration

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

Alternator Data

Alternator Brand	LeRoy Somer
Alternator Model	LL5114J
Prime Amps per ϕ	383
AVR Model	R250
Volt Reg	+/- 0.5%
Insulation Class	H
Winding Pitch	2/3
Excitation	Shunt
Frequency (Hz)	50

Engine Data

Engine Brand	Perkins
Engine Model	1506A-E88TAG4
Number of Cylinders	6 - In Line
Governor	Electronic
Induction	Turbo Air to Air Charged
Compression ratio	16.1:1
Displacement	8.80
Alternator Charge Amp	45
Filter Type (Fuel)	Replaceable Element
Fuel Class	A2 Diesel
Air Filter Type	Replaceable Element
Oil Filter Type	Spin-On, Full Flow
Total Oil Capacity	39.00
Oil Type	API CI-4 0W-30

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	3975mm	WIDTH	1400mm
HEIGHT	2132mm	DOOR	994mm
WEIGHT	3480kg		



Mains Failure Transfer Panel (Option)	AT1630
Noise (dBA) @ 1m 100% Load	76
Noise (dBA) @ 1m 75% Load	75
Noise (dBA) @ 7m 100% Load	69
Noise (dBA) @ 7m 75% Load	68

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