

GF-P605-3-0997 Generator



Output Prime kVA	555
Output Prime kW	440
Enclosure Type	Level 1 High Ambient
Fuel Capacity (L)	961
Fuel Cons L/hr 100% Prime	107.1
Run HRs 100% Prime	9.0
Fuel Cons. @ 75% Load (L/Hr)	81.5
Fuel Cons. 50% Load (L/Hr)	57.8
Bunded	D/Skin Tank

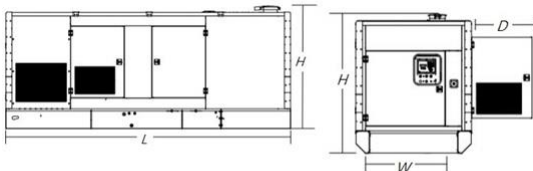
Generator Configuration

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

Alternator Data

Alternator Brand	LeRoy Somer
Alternator Model	LL6114G
Prime Amps per ϕ	772
AVR Model	R250
Volt Reg	+/- 0.5%
Insulation Class	H
Winding Pitch	2/3
Excitation	Shunt
Frequency (Hz)	50

LENGTH	5320mm	WIDTH	1920mm
HEIGHT	2367mm	DOOR	995mm
WEIGHT	6900kg		



Engine Data

Engine Brand	Perkins
Engine Model	2806A-E18TAG1
Number of Cylinders	6 - In Line
Governor	Electronic
Induction	Turbo Air to Air Charged
Compression ratio	14.5:1
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	55.50
Oil Type	API CH4 / CI4

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)	AT11000
Noise (dBA) @ 1m 100% Load	85
Noise (dBA) @ 1m 75% Load	84
Noise (dBA) @ 7m 100% Load	77
Noise (dBA) @ 7m 75% Load	76

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