



## DIESEL GENERATOR SET LG1000C SPECIFICATION

MODEL	Power rating		Voltage available			
	PRIME(1)	STANDBY(2)				
LG1000C	480V/60Hz 740KW PF:0.8	800KW 1000KVA	208/120v 380/220v	220/127v 440/254v	240/139v 480/277v	600/347v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG1000C
Motor	Cummins KT38G2
Alternator	Stamford HCI634G
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	24.6L/sec
Air Intake Flow	1369L/sec
Exhaust Air Flow	3679L/sec
Exhaust Temperature	502°C

#### ENGINE

Maximum output(kw)	895KW
Number of Cylinders	12
Aspiration	Turbocharged & Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water Cooled
Bore	159mm
Stroke	159mm
Displacement	37.8L
Compression Ratio	14.5:1
Lubrication Capacity	114L
Coolant Capacity	118L

#### Alternator

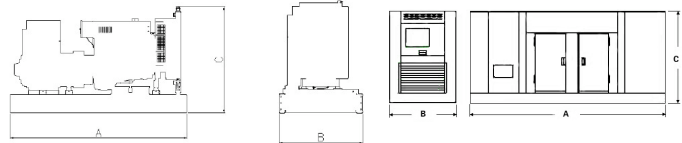
Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection class	IP23

#### Certificates

Engine	ISO 3046,BS 5514,DIN 6271
Alternator	UTE NFC 51-111-105-110 ICE34-1,BS 5000-4999 NEMA MG 21,VDE 0530
Generator Set	ISO 8528 CSA

FUEL CONSUMPTION	1800RPM
	L/hr
Standby Power(2)	225
Prime Power(1)	204
75% Prime Power(1)	157
50% Prime Power(1)	111

DIMENSION	OPEN	SILENT
Length (A)	4400mm	6058mm
Width (B)	1750mm	2438mm
Height (C)	2180mm	2591mm
Net Weight	6950KG	9230KG



(1)Prime Power: ratings are as per DIN 6271,BS55114 and ISO-3046 with 10% overload capacity

(2)Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.

(3)Operation at Altitude  $\leq$  1500m, Ambient temperature  $\leq$  40°C).If altitude higher than 1500m, each 100m will cause additional de-rating 1%.

#### Certification ISO 9001:2000

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