

DIESEL GENERATOR SET LG1160C SPECIFICATION

MODEL	Power rating	Voltage available					
		PRIME(1)	STANDBY(2)				
LG1160C	220V/60Hz	835KW	928KW	208/120v	220/127v	240/139v	
	PF:0.8	1044KVA	1160KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG1160C
Motor	Cummins KT38G2A
Alternator	Stamford HCl634H
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	24.6L/sec
Air Intake Flow	1251L/sec
Exhaust Air Flow	3290L/sec
Exhaust Temperature	485°C

ENGINE

Maximum output(kw)	915KW
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	38L
Compression Ratio	14.5:1
Lubrication Capacity	114L
Coolant Capacity	118L

Alternator

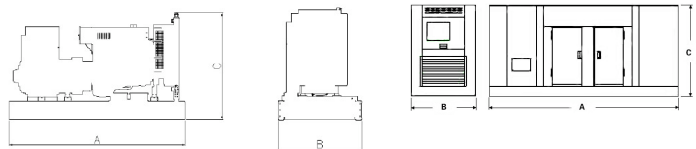
Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection class	IP23

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)	205
Prime Power(1)	187
75% Prime Power(1)	136
50% Prime Power(1)	92

DIMENSION	OPEN	SILENT
Length (A)	4400mm	6058mm
Width (B)	1750mm	2438mm
Height (C)	2180mm	2591mm
Net Weight	8000KG	10430KG



(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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