



DIESEL GENERATOR SET LG1875C SPECIFICATION

MODEL	Power rating		Voltage available			
	PRIME(1)	STANDBY(2)				
LG1875C	220V/60Hz	1364KW	1500KW	208/120v	220/127v	240/139v
	PF:0.8	1705KVA	1875KVA	380/220v	440/254v	480/277v 600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG1875C
Motor	Cummins KTA50G9
Alternator	Stamford PI734C
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	27.1L/sec
Air Intake Flow	2075L/sec
Exhaust Air Flow	5025L/sec
Exhaust Temperature	515°C

ENGINE

Maximum output(kw)	1384KW
Number of Cylinders	16
Aspiration	Turbocharged & Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water Cooled
Bore	159mm
Stroke	159mm
Displacement	50L
Compression Ratio	14.9:1
Lubrication Capacity	204L
Coolant Capacity	240L

Alternator

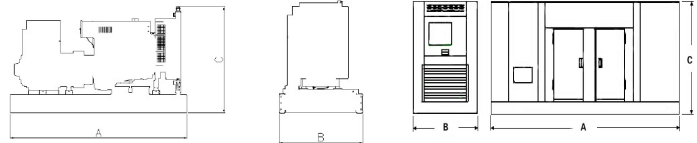
Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection class	IP23

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)	392
Prime Power(1)	330
75% Prime Power(1)	257
50% Prime Power(1)	180

DIMENSION	OPEN	SILENT
Length (A)	5200mm	12192mm
Width (B)	2200mm	2438mm
Height (C)	2620mm	2896mm
Net Weight	7590KG	12160KG



(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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