

## DIESEL GENERATOR SET LG400C SPECIFICATION

MODEL		Power rating		Voltage available			
		PRIME(1)	STANDBY(2)				
LG400C	220V/60Hz	288KW	320KW	208/120v	220/127v	240/139v	
	PF:0.8	360KVA	400KVA	380/220v	440/254v	480/277v	600/347v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG400C
Motor	Cummins QSM11G2
Alternator	Stamford HCI444D
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Air Intake Flow	440L/Sec
Exhaust Air Flow	1150L/Sec
Exhaust Temperature	550°C

#### ENGINE

Maximum output(kw)	351KW
Number of Cylinders	6
Aspiration	Turbocharged, Charge Ari Cooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Cummins Select
Cooling Type	Water Cooled
Bore	125mm
Stroke	147mm
Displacement	10.8L
Compression Ratio	16.3:1
Lubrication Capacity	34L
Coolant Capacity	9.5L

#### Alternator

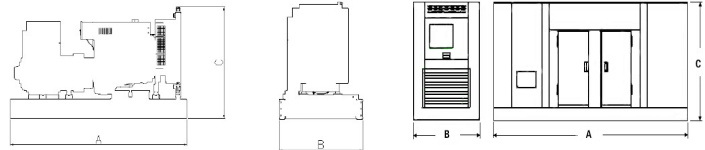
Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection class	IP23

#### 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	1800 RPM
	L/hr
Standby Power(2)	87
Prime Power(1)	77
75% Prime Power(1)	56
50% Prime Power(1)	39

DIMENSION	OPEN	SILENT
Length (A)	3050mm	4350mm
Width (B)	1100mm	1400mm
Height (C)	1765mm	2260mm
Net Weight	3380KG	4060KG



(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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