

DIESEL GENERATOR SET LG440C SPECIFICATION

MODEL	Power rating		Voltage available			
	PRIME(1)	STANDBY(2)				
LG440C	220V/60Hz 320KW PF:0.8	320KW 440KVA	208/120v	220/127v	240/139v	480/277v 600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG440C
Motor	Cummins NTA855G3
Alternator	Stamford HCI444E
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	8.2 L/Sec
Air Intake Flow	543 L/Sec
Exhaust Air Flow	1506 L/Sec
Exhaust Temperature	527°C

ENGINE

Maximum output(kw)	399KW
Number of Cylinders	6
Aspiration	Turbocharged & Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water Cooled
Bore	140mm
Stroke	152mm
Displacement	14 L
Compression Ratio	14.0:1
Lubrication Capacity	36L
Coolant Capacity	20.8L

Alternator

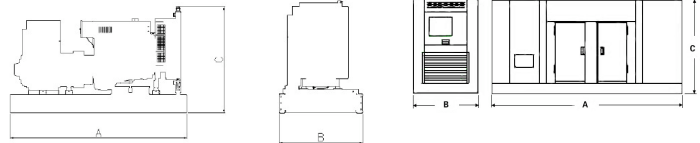
Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection class	IP23

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)	96
Prime Power(1)	87
75% Prime Power(1)	66
50% Prime Power(1)	47

DIMENSION	OPEN	SILENT
Length (A)	3050mm	4350mm
Width (B)	1150mm	1400mm
Height (C)	1765mm	2260mm
Net Weight	3350KG	4050KG



(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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