



DIESEL GENERATOR SET LG670C SPECIFICATION

MODEL		Power rating		Voltage available			
		PRIME(1)	STANDBY(2)				
LG670C	220V/60Hz	480KW	536KW	208/120v	220/127v	240/139v	
	PF:0.8	600KVA	670KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG670C
Motor	Cummins KTAA19G5
Alternator	Stamford HCI544D
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	12.4L/M
Air Intake Flow	732L/S
Exhaust Air Flow	1992L/S
Exhaust Temperature	480°C

ENGINE

Maximum output(kw)	605KW
Number of Cylinders	6
Aspiration	Turbocharged & Air-Air Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water cooled
Bore	159mm
Stroke	159mm
Displacement	18.9 L
Compression Ratio	13.5:1
Lubrication Capacity	38-32 L
Coolant Capacity	30 L

FUEL CONSUMPTION	1800RPM
	L/hr
Standby Power(2)	155
Prime Power(1)	134
75% Prime Power(1)	101
50% Prime Power(1)	72

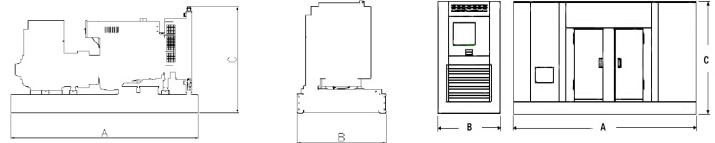
Alternator

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

DIMENSION	OPEN	SILENT
Length (A)	3630mm	4950mm
Width (B)	1550mm	2000mm
Height (C)	2240mm	2260mm
Net Weight	4950KG	5530KG

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



(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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