



## DIESEL GENERATOR SET LG578C SPECIFICATION

MODEL		Power rating		Voltage available			
		PRIME(1)	STANDBY(2)				
LG578C	220V/60Hz	420KW	462KW	208/120v	220/127v	240/139v	
	PF:0.8	525KVA	578KVA	380/220v	440/254v	480/277v	600/347v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG578C
Motor	Cummins KTA19G3
Alternator	Stamford HCI544C
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	196L/S
Air Intake Flow	647L/S
Exhaust Air Flow	1713L/S
Exhaust Temperature	491°C

#### ENGINE

Maximum output(kw)	511KW
Number of Cylinders	6
Aspiration	Turbocharged & Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water cooled
Bore	159mm
Stroke	159mm
Displacement	18.9 L
Compression Ratio	13.9:1
Lubrication Capacity	38L
Coolant Capacity	30L

#### Alternator

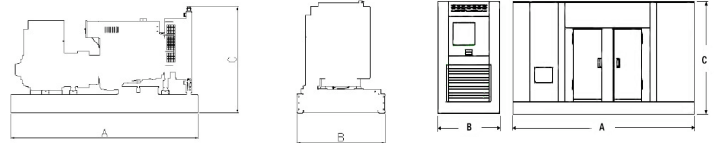
Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection class	IP23

#### 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)	122
Prime Power(1)	111
75% Prime Power(1)	86
50% Prime Power(1)	61

DIMENSION	OPEN	SILENT
Length (A)	3150mm	4650mm
Width (B)	1510mm	1600mm
Height (C)	2100mm	2260mm
Net Weight	4900KG	5200KG



(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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