



## DIESEL GENERATOR SET LG220C SPECIFICATION

Model	Power Rating	Voltage Available					
		PRIME(1)	STANDBY(2)				
LG220C	220V/60Hz	160KW	176KW	208/120v	220/127v	240/139v	
	PF:0.8	200KVA	220KVA	380/220v	440/254v	480/277v	600/347v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG220C
Motor	Cummins 6CTA8.3G2
Alternator	Stamford UCI274F
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	0.24m³/m
Air Intake Flow	14.22m³/m
Exhaust Air Flow	39.24m³/m
Exhaust Temperature	563°C

#### ENGINE

Maximum Output(kw)	187KW
Number of Cylinders	6
Aspiration	Turbocharged & Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water Cooled
Bore	114mm
Stroke	135mm
Displacement	8.3 L
Compression Ratio	17.3:1
Lubrication Capacity	27.6 liter
Coolant Capacity	12.3liter

Fuel consumption	1800rpm
	L/hr
Standby Power(2)	49
Prime Power(1)	44
75% Prime Power(1)	33
50% Prime Power(1)	23

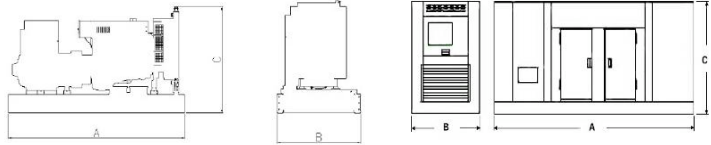
#### Alternator

Insulation	Clase"H"
Excitation Type	Self-excitation (PMG for optional)
Protection Class	IP23

Dimension	Open	Silent
Length (A)	2450mm	3500mm
Width (B)	980mm	1080mm
Height (C)	1710mm	2120mm
Net Weight	1710KG	2150KG

#### 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 ≤ 1500m, Ambient temperature ≤ 40°C).If altitude higher than 1500m, each 100m will cause additional de-rating 1%.

#### Certification ISO 9001:2000

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