



## DIESEL GENERATOR SET LG220C5 / LG250C6

### SPECIFICATION

Model	Power Rating		Voltage Available		
	PRIME(1)	STANDBY(2)			
LG220C5	400V/50Hz PF:0.8	160KW 200KVA	176KW 220KVA	380/220v	400/230v 415/240v
LG250C6	220V/60Hz PF:0.8	180KW 225KVA	200KW 250KVA	208/120v 380/220v	220/127v 240/139v 440/254v 480/277v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG220C5 / LG250C6	
Motor	Cummins 6CTAA8.3G2	
Alternator	Stamford or Leroy Somer	
Speed Control Type	Electronical	
Phase	Three	
Fuel Tank Capacity	370LT / 100 US Gallon	
System Voltage	24V	
Frequency	50HZ	60HZ
Engine Coolant Flow	0.198m³/m	0.24m³/m
Air Intake Flow	11.46m³/m	15.72m³/m
Exhaust Air Flow	32.82m³/m	45.3m³/m
Exhaust Temperature	580°C	585°C

#### ENGINE

Maximum Output(kw)	203KW(50HZ)	210KW(60HZ)
Number of Cylinders	6	
Aspiration	Turbocharged & Charge Air Cooled	
Cycle	4	
Fuel Type	Diesel	
Combustion Type	Direct Injection	
Cooling Type	Water Cooled	
Bore	114mm	
Stroke	135mm	
Displacement	8.3 L	
Compression Ratio	18.0:1	
Lubrication Capacity	23.8 liter	
Coolant Capacity	12.3liter	

Fuel consumption	1500rpm L/hr	1800rpm L/hr
Standby Power(2)	51	56
Prime Power(1)	45	49
75% Prime Power(1)	34	37
50% Prime Power(1)	23	25

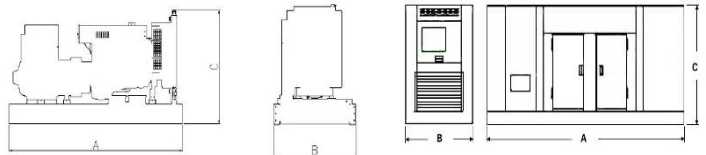
Dimension	Open	Silent
Length (A)	2520mm	3500mm
Width (B)	980mm	1080mm
Height (C)	1760mm	2120mm
Net Weight	1800KG	2520KG

#### Alternator

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



(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%.

#### Certificacion ISO 9001:2000

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