



DIESEL GENERATOR SET LG66C5 / LG75C6 SPECIFICATION

Model	Power Rating		Voltage Available			
	PRIME(1)	STANDBY(2)				
LG66C5	400V/50Hz	48KW	53KW	380/220v	400/230v	415/240v
	PF:0.8	60KVA	66KVA			
LG75C6	220V/60Hz	54KW	60KW	208/120v	220/127v	240/139v
	PF:0.8	68KVA	75KVA	380/220v	440/254v	480/277v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG66C5 / LG75C6	
Motor	Cummins 4BTA3.9G2	
Alternator	Stamford or Leroy Somer	
Speed Control Type	Electronical	
Phase	Three	
Fuel Tank Capacity	220LT / 58 US Gallon	
System Voltage	24V	
Frequency	50HZ	60HZ
Engine Coolant Flow	0.0096m³/m	0.132m³/m
Air Intake Flow	3.54m³/m	4.98m³/m
Exhaust Air Flow	9.9m³/m	13.56m³/m
Exhaust Temperature	540°C	560°C

ENGINE

Maximum Output(kw)	64KW(50HZ)	74KW(60HZ)
Number of Cylinders	4	
Aspiration	Turbocharged	
Cycle	4	
Fuel Type	Diesel	
Combustion Type	Direct Injection	
Cooling Type	Water Cooled	
Bore	102mm	
Stroke	120mm	
Displacement	3.9 L	
Compression Ratio	17.3:1	
Lubrication Capacity	9.5 liter	
Coolant Capacity	8.3 liter	

Fuel consumption	1500rpm L/hr	1800rpm L/hr
Standby Power(2)	17	19
Prime Power(1)	15	17
75% Prime Power(1)	11	13
50% Prime Power(1)	8	9

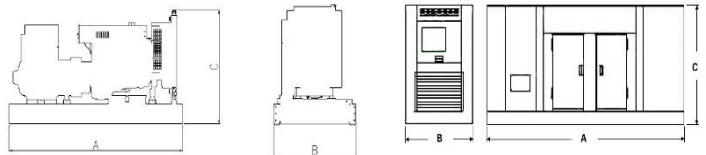
Dimension	Open	Silent
Length (A)	1850mm	2670mm
Width (B)	970mm	1080mm
Height (C)	1500mm	1865mm
Net Weight	1170KG	1490KG

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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