



DIESEL GENERATOR SET LG300C SPECIFICATION

Model	Power Rating	Voltage Available				
		PRIME(1)	STANDBY(2)			
LG300C	220V/60Hz	220KW	240KW	208/120v	220/127v	240/139v
	PF:0.8	275KVA	300KVA	380/220v	440/254v	480/277v 600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG300C
Motor	Cummins 6LTAA8.9G2
Alternator	Stamford UCDI274J
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	0.24m ³ /m
Air Intake Flow	17.16m ³ /m
Exhaust Air Flow	45.72m ³ /m
Exhaust Temperature	520 °C

ENGINE

Maximum Output(kw)	258KW
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	145mm
Displacement	8.9 L
Compression Ratio	16.6:1
Lubrication Capacity	27.6 liter
Coolant Capacity	11.1liter

Fuel consumption	1800rpm
	L/hr
Standby Power(2)	66
Prime Power(1)	59
75% Prime Power(1)	44
50% Prime Power(1)	30

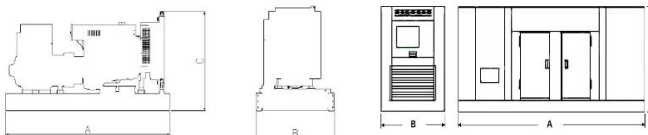
Alternator

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

Dimension	Open	Silent
Length (A)	2570mm	3600mm
Width (B)	1160mm	1090mm
Height (C)	1680mm	2080mm
Net Weight	1980KG	2980KG

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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