



DIESEL GENERATOR SET LG750C SPECIFICATION

MODEL	Power rating	Voltage available				
		PRIME(1)	STANDBY(2)			
LG750C	220V/60Hz	548KW	600KW	208/120v	220/127v	240/139v
	PF:0.8	685KVA	750KVA	380/220v	440/254v	480/277v 600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG750C
Motor	Cummins KTAA19G6A
Alternator	Stamford HCI544E
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	12.4L/M
Air Intake Flow	745L/S
Exhaust Air Flow	2013L/S
Exhaust Temperature	477°C

ENGINE

Maximum output(kw)	664KW
Number of Cylinders	6
Aspiration	Turbocharged & Air-Air Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water Cooled
Bore	159mm
Stroke	159mm
Displacement	18.9 L
Compression Ratio	13.0:1
Lubrication Capacity	38L
Coolant Capacity	30L

FUEL CONSUMPTION	1800RPM
	L/hr
Standby Power(2)	161.2
Prime Power(1)	140
75% Prime Power(1)	106.5
50% Prime Power(1)	73.3

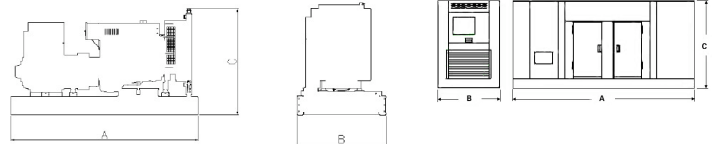
Alternator

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

DIMENSION	OPEN	SILENT
Length (A)	3700mm	4950mm
Width (B)	1550mm	2000mm
Height (C)	2200mm	2260mm
Net Weight	4950KG	5720KG

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

Fujian Everstrong Lega Power Equipments Co., Ltd
Address: Fuqing Hong Kuan Industry Zone, Fuzhou, Fujian Province, China
Tel: +86-591-83859146
Fax: +86-591-83853130
Email: sales@legapower.com
Web: www.legapower.com

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