



## DIESEL GENERATOR SET LG110C5 / LG125C6 SPECIFICATION

Model	Power Rating		Voltage Available			
	PRIME(1)	STANDBY(2)				
LG110C5	400V/50Hz	80KW	100KW	380/220v	400/230v	415/240v
	PF:0.8	88KVA	110KVA			
LG125C6	220V/60Hz	88KW	100KW	208/120v	220/127v	240/139v
	PF:0.8	110KVA	125KVA	380/220v	440/254v	480/277v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG110C5 / LG125C6	
Motor	Cummins 6BT5.9G2	
Alternator	Stamford or Leroy Somer	
Speed Control Type	Electronical	
Phase	Three	
Fuel Tank Capacity	260LT / 90 US Gallon	
System Voltage	24V	
Frequency	50HZ	60HZ
Engine Coolant Flow	0.12m <sup>3</sup> /m	0.144m <sup>3</sup> /m
Air Intake Flow	6.6m <sup>3</sup> /m	8.22m <sup>3</sup> /m
Exhaust Air Flow	23.7m <sup>3</sup> /m	18.3m <sup>3</sup> /m
Exhaust Temperature	580°C	540°C

#### ENGINE

Maximum Output(kw)	106KW(50HZ)	127KW(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	5.9 L	
Compression Ratio	17.3:1	
Lubrication Capacity	14.2 liter	
Coolant Capacity	7.9 liter	

Fuel consumption	1500rpm	1800rpm
	L/hr	L/hr
Standby Power(2)	26.9	33.6
Prime Power(1)	24.2	29.7
75% Prime Power(1)	18.2	22.2
50% Prime Power(1)	12.5	15.6

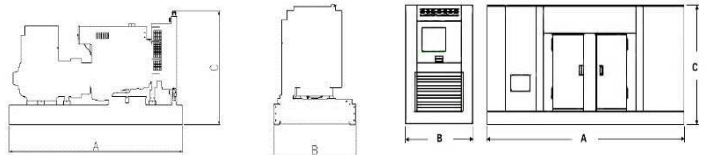
Dimension	Open	Silent
Length (A)	2160mm	2900mm
Width (B)	1030mm	1080mm
Height (C)	1550mm	2000mm
Net Weight	1250KG	1780KG

#### 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

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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