



DIESEL GENERATOR SET LG905C SPECIFICATION

MODEL		Power rating		Voltage available			
		PRIME(1)	STANDBY(2)				
LG905C	220V/60Hz	600KW	724KW	208/120v	220/127v	240/139v	
	PF:0.8	825KVA	905KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG905C
Motor	Cummins KTA38G2
Alternator	Stamford HCI544F
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	24.6L/sec
Air Intake Flow	1369L/sec
Exhaust Air Flow	3679L/sec
Exhaust Temperature	502°C

ENGINE

Maximum output(kw)	895KW
Number of Cylinders	12
Aspiration	Turbocharged & Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water Cooled
Bore	159mm
Stroke	159mm
Displacement	37.8L
Compression Ratio	14.5:1
Lubrication Capacity	114L
Coolant Capacity	118L

Alternator

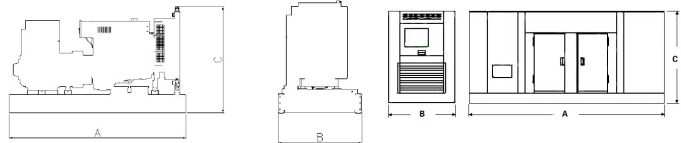
Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection class	IP23

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 CSA

FUEL CONSUMPTION	1800RPM
	L/hr
Standby Power(2)	225
Prime Power(1)	204
75% Prime Power(1)	157
50% Prime Power(1)	111

DIMENSION	OPEN	SILENT
Length (A)	4400mm	6058mm
Width (B)	1750mm	2438mm
Height (C)	2180mm	2591mm
Net Weight	6950KG	9230KG



(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 \leq 1500m, Ambient temperature \leq 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

We are always available™



We are always
Available