



## DIESEL GENERATOR SET LG175C SPECIFICATION

MODEL	Power rating		Voltage available			
	PRIME(1)	STANDBY(2)				
LG175C	220V/60Hz	128KW	140KW	208/120v	220/127v	240/139v
	PF:0.8	160KVA	175KVA	380/220v	440/254v	480/277v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG175C
Motor	Cummins 6BTAA5.9-G12
Alternator	STAMFORD OR LEROY SOMER
Speed Control type	Electronically
Phase	Three
Fuel Tank Capacity	280LT
System Voltage	24V
Frequency	60HZ
Engine coolant flow	2.4L/sec
Air intake flow	196L/sec
Exhaust air flow	438L/sec
Exhaust Temperature	458°C

#### ENGINE

Maximum output(kw)	165KW(60HZ)
Number of Cylinders	6
Aspiration	Turbocharged & Charge Air Cooled
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	10liter(Engine Only)

FUEL CONSUMPTION	1800RPM
	L/hr
Standby Power(2)	42
Prime Power(1)	38
75% Prime Power(1)	28
50% Prime Power(1)	19

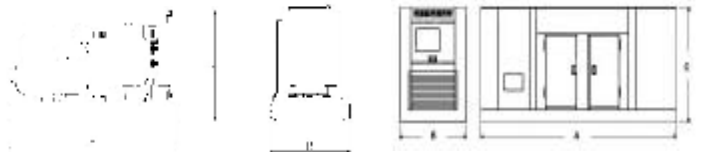
#### Alternator

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

DIMENSION	OPEN	SILENT
Length (A)	2400mm	3200mm
Width (B)	950mm	1080mm
Height (C)	1530mm	2000mm
Net Weight	1360KG	1870KG

#### 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

We are always available™

