



DIESEL GENERATOR SET LG440C6

SPECIFICATION

MODEL	Power rating	Voltage available				
		PRIME(1)	STANDBY(2)			
LG440C6	220V/60Hz	320KW	352KW	208/120v	220/127v	240/139v
	PF:0.8	400KVA	440KVA	380/220v	440/254v	480/277v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG440C6
Motor	Cummins NTA855G3
Alternator	STAMFORD OR LEROY SOMER
Speed Control type	Electronically
Phase	Three
Fuel Tank Capacity	500L (Silent Type)
System Voltage	24V
Frequency	60HZ
Engine coolant flow	7.3L/sec
Air intake flow	543L/sec
Exhaust air flow	1506L/sec
Exhaust Temperature	527°C

ENGINE

Maximum output(kw)	399KW (60HZ)
Number of Cylinders	6
Aspiration	Turbocharged & Charge Air Cooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water cooled
Bore	140mm
Stroke	152mm
Displacement	14 L
Compression Ratio	14.0:1
Lubrication Capacity	36liter
Coolant Capacity	20.8liter

FUEL CONSUMPTION	1800RPM
	L/hr
Standby Power(2)	98
Prime Power(1)	87
75% Prime Power(1)	66
50% Prime Power(1)	47

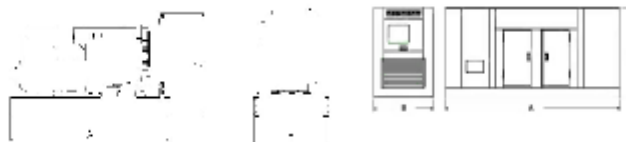
Alternator

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

DIMENSION	OPEN	SILENT
Length (A)	3050mm	4350mm
Width (B)	1170mm	1400mm
Height (C)	1760mm	2260mm
Net Weight	3350KG	4050KG

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 $\leq 1500m$, Ambient temperature $\leq 40^{\circ}C$. 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™

