



DIESEL GENERATOR SET LG185C SPECIFICATION

Model	Power Rating		Voltage Available			
	PRIME(1)	STANDBY(2)				
LG185C	220V/60Hz	135KW	148KW	208/120v	220/127v	240/139v
	PF:0.8	169KVA	185KVA	380/220v	440/254v	480/277v 600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG185C
Motor	Cummins 6CTA8.3G2
Alternator	Stamford UCI274E
Speed Control Type	Electronical
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	0.24m³/m
Air Intake Flow	14.22m³/m
Exhaust Air Flow	39.24m³/m
Exhaust Temperature	563°C

ENGINE

Maximum Output(kw)	187KW
Number of Cylinders	6
Aspiration	Turbocharged & Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water Cooled
Bore	114mm
Stroke	135mm
Displacement	8.3 L
Compression Ratio	17.3:1
Lubrication Capacity	27.6 liter
Coolant Capacity	12.3liter

Fuel consumption	1800rpm
	L/hr
Standby Power(2)	49
Prime Power(1)	44
75% Prime Power(1)	33
50% Prime Power(1)	23

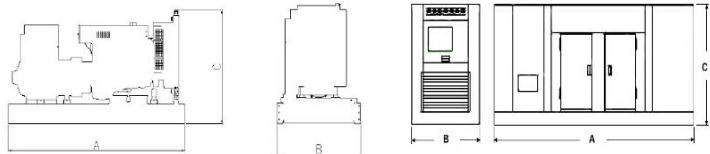
Alternator

Insulation	Class "H"
Excitation Type	Self-excitation (PMG for optional)
Protection Class	IP23

Dimension	Open	Silent
Length (A)	2450mm	3500mm
Width (B)	980mm	1080mm
Height (C)	1710mm	2120mm
Net Weight	1710KG	2150KG

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

We are always available™



We are always
Available