



## DIESEL GENERATOR SET LG175P6 SPECIFICATION

MODEL		Power rating		Voltage available			
		PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>				
LG175P6	220V/60Hz	125KW	140KW	208/120v	220/127v	240/139v	
	PF:0.8	156KVA	175KVA	380/220v	440/254v	480/277v	600/347v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG175P6
Motor	Perkins 1106D-E66TAG2
Alternator	Stamford UCI274E
Speed Control Type	Electronic
Phase	Three
Fuel Tank Capacity	
System Voltage	12V
Frequency	60HZ
Engine Coolant Flow	170L/min
Combustion Air Flow	12.5m³/min
Exhaust Air Flow	30.2m³/min
Exhaust Temperature	466 <input type="checkbox"/>

#### ENGINE

Maximum Output(kw)	161.6KW
Number Of Cylinders	6
Aspiration	Turbocharged
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	105mm
Stroke	127mm
Displacement	6.6 L
Compression Ratio	16.2:1
Lubrication Capacity	16.5 liter
Coolant Capacity	21 liter

FUEL CONSUMPTION	1800 RPM
Standby Power <input type="checkbox"/>	41.5 L/hr
Prime Power <input type="checkbox"/>	32.7
75% Prime Power <input type="checkbox"/>	23.7
50% Prime Power <input type="checkbox"/>	11.9

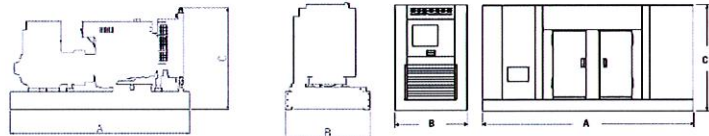
DIMENSION	OPEN	SILENT
Length (A)	2800mm	3500mm
Width (B)	790mm	1080mm
Height (C)	1650mm	2120mm
Net Weight	1644kg	2487kg

#### Alternator

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

#### Certificates

Engine	ISO 3046, BS 5514, DIN 627
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 maximum of 500 hours during one year of which 300 hours may be for continuous use.

(3)Operation at Altitude ≤1500m, Ambient temperature ≤ 40 .If altitude higher than 1500m, each 300m will cause additional de-rating 4%.

#### Certification ISO 9001:2000

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