

DIESEL GENERATOR SET LG39P6 SPECIFICATION

MODEL	Power rating		Voltage available				
	PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>					
LG39P6	220V/60Hz	28KW	31KW	208/120v	220/127v	240/139v	
	PF:0.8	35KVA	39KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG39P6
Motor	Perkins 404D-22TAG
Alternator	Stamford PI144G
Speed Control Type	Mechanical
Phase	Three
Fuel Tank Capacity	
System Voltage	12V
Frequency	60HZ
Engine Coolant Flow	56.2L/min
Combustion Air Flow	2.49m ³ /min
Exhaust Air Flow	8.4m ³ /min
Exhaust Temperature	478 <input type="checkbox"/>

ENGINE

Maximum Output(kw)	36.4KW
Number Of Cylinders	4
Aspiration	Turbocharged
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	84mm
Stroke	100mm
Displacement	2.216 L
Compression Ratio	23.3:1
Lubrication Capacity	10.6 liter
Coolant Capacity	9.3 liter

Alternator

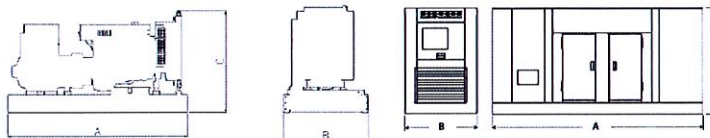
Insulation	Clase"H"
Excitation Type	Self-excitation
Protection Class	IP23

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	1800 RPM
Standby Power <input type="checkbox"/>	L/hr 10.2
Prime Power <input type="checkbox"/>	8.9
75% Prime Power <input type="checkbox"/>	6.5
50% Prime Power <input type="checkbox"/>	4.6

DIMENSION	OPEN	SILENT
Length (A)	1630mm	2100mm
Width (B)	750mm	730mm
Height (C)	1320mm	1150mm
Net Weight	540kg	725kg



(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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STANDBY GENERATOR SERVICES