



DIESEL GENERATOR SET LG440P6 SPECIFICATION

MODEL		Power rating		Voltage available			
		PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>				
LG440P6	220V/60Hz	320KW	352KW	208/120v	220/127v	240/139v	
	PF:0.8	400KVA	440KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG440P6
Motor	Perkins 2206D-E13TAG2
Alternator	Stamford HCI444E
Speed Control Type	Electronic
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	402L/min
Combustion Air Flow	26.6m ³ /min
Exhaust Air Flow	76.6m ³ /min
Exhaust Temperature	680 <input type="checkbox"/>

ENGINE

Maximum Output(kw)	406.5KW
Number Of Cylinders	6
Aspiration	Turbocharged
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	130mm
Stroke	157mm
Displacement	12.5 L
Compression Ratio	16.3:1
Lubrication Capacity	40 liter
Coolant Capacity	51.4 liter

Alternator

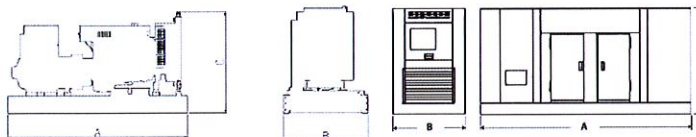
Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection Class	IP23

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

FUEL CONSUMPTION	1800 RPM
Standby Power <input type="checkbox"/>	94 L/hr
Prime Power <input type="checkbox"/>	87
75% Prime Power <input type="checkbox"/>	67
50% Prime Power <input type="checkbox"/>	48

DIMENSION	OPEN	SILENT
Length (A)	3500mm	4350mm
Width (B)	1150mm	1400mm
Height (C)	2000mm	2260mm
Net Weight	3420kg	5320kg



(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