

## DIESEL GENERATOR SET LG500P6 SPECIFICATION

MODEL	Power rating		Voltage available				
	PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>					
LG500P6	220V/60Hz	360KW	400KW	208/120v	220/127v	240/139v	
	PF:0.8	450KVA	500KVA	380/220v	440/254v	480/277v	600/347v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG500P6
Motor	Perkins 2206D-E13TAG3
Alternator	Stamford HCI444F
Speed Control Type	Electronic
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	402L/min
Combustion Air Flow	29.8m <sup>3</sup> /min
Exhaust Air Flow	86.2m <sup>3</sup> /min
Exhaust Temperature	680 <input type="checkbox"/>

#### ENGINE

Maximum Output(kw)	461.7KW
Number Of Cylinders	6
Aspiration	Turbocharged
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct 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

FUEL CONSUMPTION	1800 RPM
Standby Power <input type="checkbox"/>	105 L/hr
Prime Power <input type="checkbox"/>	94
75% Prime Power <input type="checkbox"/>	73
50% Prime Power <input type="checkbox"/>	52

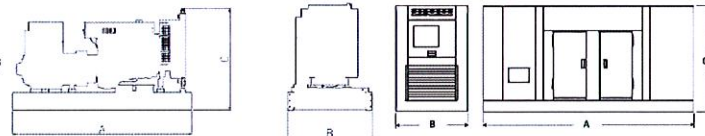
DIMENSION		OPEN	SILENT
Length (A)		3500mm	4350mm
Width (B)		1150mm	2400mm
Height (C)		2000mm	2260mm
Net Weight		3420kg	5260kg

#### 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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**STANDBY GENERATOR SERVICES**