



## DIESEL GENERATOR SET LG633P6

### SPECIFICATION

MODEL	Power rating		Voltage available			
	PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>				
LG633P6	220V/60Hz	460KW	506KW	208/120v	220/127v	240/139v
	PF:0.8	575KVA	633KVA	380/220v	440/254v	480/277v 600/347v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG633P6
Motor	Perkins 2506C-E15TAG3
Alternator	Stamford HCI544D
Speed Control Type	Electronic
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	432L/min
Combustion Air Flow	42m³/min
Exhaust Air Flow	112m³/min
Exhaust Temperature	550 °C

#### ENGINE

Maximum Output(kw)	568KW
Number Of Cylinders	6
Aspiration	Turbocharged
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	137mm
Stroke	171mm
Displacement	15.2 L
Compression Ratio	16:1
Lubrication Capacity	60 liter
Coolant Capacity	58 liter

FUEL CONSUMPTION	1800 RPM
Standby Power <input type="checkbox"/>	132 L/hr
Prime Power <input type="checkbox"/>	121 L/hr
75% Prime Power <input type="checkbox"/>	96 L/hr
50% Prime Power <input type="checkbox"/>	77 L/hr

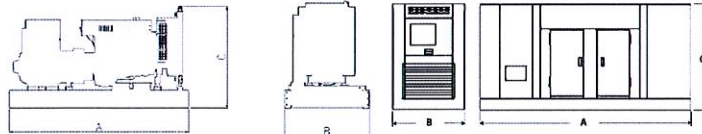
DIMENSION		OPEN	SILENT
Length (A)		3830mm	4650mm
Width (B)		1190mm	1400mm
Height (C)		2020mm	2260mm
Net Weight		3583kg	5335kg

#### 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 °C. If altitude higher than 1500m, each 300m will cause additional de-rating 4%.

#### Certification ISO 9001:2000

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