

DIESEL GENERATOR SET LG80P6

SPECIFICATION

MODEL	Power rating	Voltage available					
		PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>				
LG80P6	220V/60Hz	58KW	64KW	208/120v	220/127v	240/139v	
	PF:0.8	73KVA	80KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG80P6
Motor	Perkins 1104D-E44TG1
Alternator	Stamford UCI224E
Speed Control Type	Electronic
Phase	Three
Fuel Tank Capacity	
System Voltage	12V
Frequency	60HZ
Engine Coolant Flow	169L/min
Combustion Air Flow	5.9m ³ /min
Exhaust Air Flow	14.7m ³ /min
Exhaust Temperature	547 ^o

ENGINE

Maximum Output(kw)	72.8KW
Number Of Cylinders	4
Aspiration	Turbocharged
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	105mm
Stroke	127mm
Displacement	4.4 L
Compression Ratio	16.2:1
Lubrication Capacity	8.4 liter
Coolant Capacity	16.5 liter

FUEL CONSUMPTION	1800 RPM
	L/hr
Standby Power <input type="checkbox"/>	20.1
Prime Power <input type="checkbox"/>	18.7
75% Prime Power <input type="checkbox"/>	16.5
50% Prime Power <input type="checkbox"/>	12.2

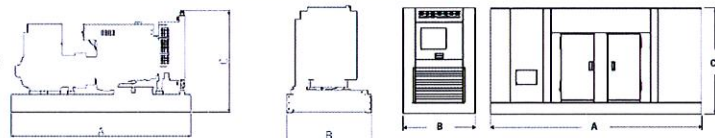
DIMENSION		OPEN	SILENT
Length (A)		2220mm	2670mm
Width (B)		750mm	1080mm
Height (C)		1530mm	1865mm
Net Weight		1010kg	1730kg

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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STANDBY GENERATOR SERVICES