

DIESEL GENERATOR SET LG100P6

SPECIFICATION

MODEL	Power rating		Voltage available				
	PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>					
LG100P6	220V/60Hz PF:0.8	73KW 91KVA	80KW 100KVA	208/120v 380/220v	220/127v 440/254v	240/139v 480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG100P6
Motor	Perkins 1104D-E44TAG1
Alternator	Stamford UCI224F
Speed Control Type	Electronic
Phase	Three
Fuel Tank Capacity	
System Voltage	12V
Frequency	60HZ
Engine Coolant Flow	169L/min
Combustion Air Flow	7.7m ³ /min
Exhaust Air Flow	17.9m ³ /min
Exhaust Temperature	492 <input type="checkbox"/>

ENGINE

Maximum Output(kw)	96.8KW
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	8.0 liter
Coolant Capacity	17 liter

FUEL CONSUMPTION	1800 RPM
Standby Power <input type="checkbox"/>	25.6 L/hr
Prime Power <input type="checkbox"/>	23.7
75% Prime Power <input type="checkbox"/>	18.7
50% Prime Power <input type="checkbox"/>	13.6

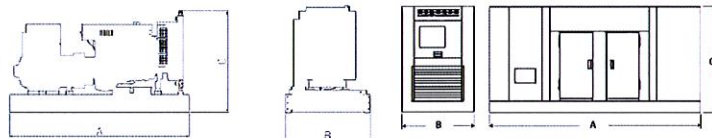
DIMENSION	OPEN	SILENT
Length (A)	2220mm	2670mm
Width (B)	750mm	1080mm
Height (C)	1530mm	1865mm
Net Weight	1120kg	1810kg

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

Power Station Generators
 Address: 1050 Jayson Crt., Mississauga, L4W 2V5, Ontario, Canada
 Tel: 1-905-565-1621
 Fax: 1-905-629-1499
 Email: sales@pwrstn.com
 Web: www.powerstationgenerators.com.com

We are always available™

POWER Station
A DIVISION OF E. & H. GENERATOR SERVICES INC.
STANDBY GENERATOR SERVICES