

DIESEL GENERATOR SET LG11P6

SPECIFICATION

MODEL	Power rating			Voltage available			
		PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>				
LG11P6	220V/60Hz	8KW	9KW	208/120v	220/127v	240/139v	
	PF:0.8	10KVA	11KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG11P6
Motor	Perkins 403D-11G
Alternator	Stamford PI044E
Speed Control Type	Mechanical
Phase	Three
Fuel Tank Capacity	
System Voltage	12V
Frequency	60HZ
Engine Coolant Flow	32.5L/min
Combustion Air Flow	0.9m³/min
Exhaust Air Flow	2.4m³/min
Exhaust Temperature	515 <input type="checkbox"/>

ENGINE

Maximum Output(kw)	11.8KW
Number Of Cylinders	3
Aspiration	Naturally Aspirated
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	77mm
Stroke	81mm
Displacement	1.131 L
Compression Ratio	23.3:1
Lubrication Capacity	4.9 liter
Coolant Capacity	5.2 liter

FUEL CONSUMPTION	1800 RPM
	L/hr
Standby Power <input type="checkbox"/>	3.6
Prime Power <input type="checkbox"/>	3.0
75% Prime Power <input type="checkbox"/>	2.3
50% Prime Power <input type="checkbox"/>	1.7

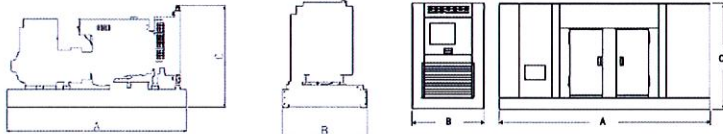
Alternator

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

DIMENSION	OPEN	SILENT
Length (A)	1480mm	1900mm
Width (B)	750mm	730mm
Height (C)	1270mm	1140mm
Net Weight	352kg	532kg

Certificates

Engine	ISO 3046, BS 5514, DIN 6271
Alternator	UTE NFC 51-111-105-110 ICE34-1, BS 5000-4999 NEMA MG 21, VDE 0530 ISO 8528 CSA
Generator Set	



(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, Ontario, Canada
Tel: 1-905-565-1621
Fax: 1-905-629-1499
Email: sales@pwrstn.com
Web: www.powerstationgenerators.com

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STANDBY GENERATOR SERVICES