

## DIESEL GENERATOR SET LG770P6 SPECIFICATION

MODEL		Power rating		Voltage available			
		PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>				
LG770P6	220V/60Hz	560KW	616KW	208/120v	220/127v	240/139v	
	PF:0.8	700KVA	770KVA	380/220v	440/254v	480/277v	600/347v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG770P6
Motor	Perkins 2806C-E18TAG3
Alternator	Stamford HCI544E
Speed Control Type	Electronic
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	432L/min
Combustion Air Flow	50.5m <sup>3</sup> /min
Exhaust Air Flow	135.7m <sup>3</sup> /min
Exhaust Temperature	543 <input type="checkbox"/>

#### ENGINE

Maximum Output(kw)	678KW
Number Of Cylinders	6
Aspiration	Turbocharged
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	145mm
Stroke	183mm
Displacement	18.13 L
Compression Ratio	14.5:1
Lubrication Capacity	62 liter
Coolant Capacity	61 liter

FUEL CONSUMPTION	1800 RPM
Standby Power <input type="checkbox"/>	157 L/hr
Prime Power <input type="checkbox"/>	144
75% Prime Power <input type="checkbox"/>	104
50% Prime Power <input type="checkbox"/>	72

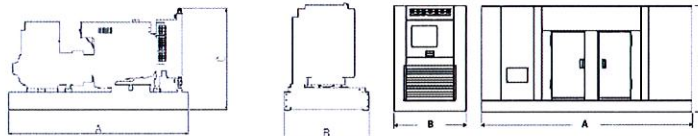
DIMENSION		OPEN	SILENT
Length (A)		3750mm	4750mm
Width (B)		1550mm	1760mm
Height (C)		2080mm	2260mm
Net Weight		4298kg	7840kg

#### 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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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

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**STANDBY GENERATOR SERVICES**