



DIESEL GENERATOR SET LG70P6 SPECIFICATION

MODEL		Power rating		Voltage available			
		PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>				
LG70P6	220V/60Hz	51KW	56KW	208/120v	220/127v	240/139v	
	PF:0.8	64KVA	70KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG70P6
Motor	Perkins 1104D-44TG1
Alternator	Stamford UCI224D
Speed Control Type	Mechanical
Phase	Three
Fuel Tank Capacity	
System Voltage	12V
Frequency	60HZ
Engine Coolant Flow	151L/min
Combustion Air Flow	5.3m ³ /min
Exhaust Air Flow	13.7m ³ /min
Exhaust Temperature	571 <input type="checkbox"/>

ENGINE

Maximum Output(kw)	64KW
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	18.2:1
Lubrication Capacity	8.4 liter
Coolant Capacity	16.5 liter

FUEL CONSUMPTION	1800 RPM
Standby Power <input type="checkbox"/>	18.7 L/hr
Prime Power <input type="checkbox"/>	16.6
75% Prime Power <input type="checkbox"/>	12.8
50% Prime Power <input type="checkbox"/>	9.0

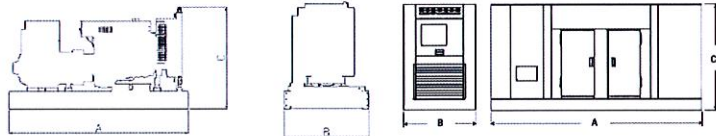
DIMENSION		OPEN	SILENT
Length (A)		2220mm	2670mm
Width (B)		750mm	1080mm
Height (C)		1530mm	1865mm
Net Weight		978kg	1675kg

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

Certification ISO 9001:2000

Power Station Generators
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STANDBY GENERATOR SERVICES