



DIESEL GENERATOR SET LG700P6 SPECIFICATION

MODEL	Power rating		Voltage available				
	PRIME <input type="checkbox"/>	STANDBY <input type="checkbox"/>					
LG700P6	220V/60Hz	510KW	560KW	208/120v	220/127v	240/139v	
	PF:0.8	638KVA	700KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG700P6
Motor	Perkins 2506C-E15TAG4
Alternator	Stamford HCI544D
Speed Control Type	Electronic
Phase	Three
Fuel Tank Capacity	
System Voltage	24V
Frequency	60HZ
Engine Coolant Flow	432L/min
Combustion Air Flow	42m³/min
Exhaust Air Flow	120m³/min
Exhaust Temperature	550 <input type="checkbox"/>

ENGINE

Maximum Output(kw)	623KW
Number Of Cylinders	6
Aspiration	Turbocharged
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	137mm
Stroke	171mm
Displacement	15.2 L
Compression Ratio	16:1
Lubrication Capacity	60 liter
Coolant Capacity	58 liter

FUEL CONSUMPTION	1800 RPM
	L/hr
Standby Power <input type="checkbox"/>	146
Prime Power <input type="checkbox"/>	133
75% Prime Power <input type="checkbox"/>	100
50% Prime Power <input type="checkbox"/>	67

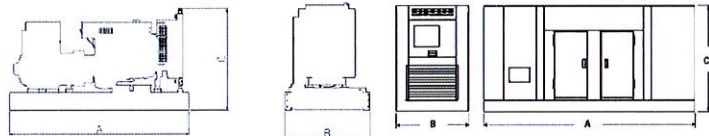
Alternator

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

DIMENSION		OPEN	SILENT
Length (A)		3830mm	4650mm
Width (B)		1190mm	1400mm
Height (C)		2020mm	2260mm
Net Weight		3683kg	5435kg



(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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