

DIESEL GENERATOR SET LG25P6 SPECIFICATION

MODEL		Power rating		Voltage available			
		PRIME □	STANDBY □				
LG25P6	220V/60Hz	18KW	20KW	208/120v	220/127v	240/139v	
	PF:0.8	23KVA	25KVA	380/220v	440/254v	480/277v	600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG25P6
Motor	Perkins 404D-22G
Alternator	Stamford PI144D
Speed Control Type	Mechanical
Phase	Three
Fuel Tank Capacity	
System Voltage	12V
Frequency	60HZ
Engine Coolant Flow	55.2L/min
Combustion Air Flow	1.74m ³ /min
Exhaust Air Flow	4.76m ³ /min
Exhaust Temperature	510 □

ENGINE

Maximum Output(kw)	24.3KW
Number Of Cylinders	4
Aspiration	Naturally Aspirated
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	84mm
Stroke	100mm
Displacement	2.216 L
Compression Ratio	23.3:1
Lubrication Capacity	10.6 liter
Coolant Capacity	7.0 liter

FUEL CONSUMPTION	1800 RPM
Standby Power □	4.7
Prime Power □	4.3
75% Prime Power □	3.3
50% Prime Power □	2.4

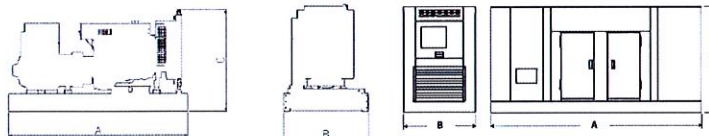
Alternator

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

DIMENSION		OPEN	SILENT
Length (A)		1630mm	2100mm
Width (B)		750mm	730mm
Height (C)		1320mm	1150mm
Net Weight		493kg	673kg

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

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STANDBY GENERATOR SERVICES