

DIESEL GENERATOR SET LG181P6 SPECIFICATION

MODEL	Power rating	Voltage available				
		PRIME □	STANDBY □			
LG181P6	220V/60Hz	132KW	145KW	208/120v	220/127v	240/139v
	PF:0.8	165KVA	181KVA	380/220v	440/254v	480/277v 600/347v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG181P6
Motor	Perkins 1106D-E66TAG3
Alternator	Stamford UCI274E
Speed Control Type	Electronic
Phase	Three
Fuel Tank Capacity	
System Voltage	12V
Frequency	60HZ
Engine Coolant Flow	170L/min
Combustion Air Flow	12.7m³/min
Exhaust Air Flow	30.7m³/min
Exhaust Temperature	469 □

ENGINE

Maximum Output(kw)	171.4KW
Number Of Cylinders	6
Aspiration	Turbocharged
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	105mm
Stroke	127mm
Displacement	6.6 L
Compression Ratio	16.2:1
Lubrication Capacity	16.5 liter
Coolant Capacity	21 liter

FUEL CONSUMPTION	1800 RPM
Standby Power □	43.3 L/hr
Prime Power □	34.5
75% Prime Power □	24.6
50% Prime Power □	13.8

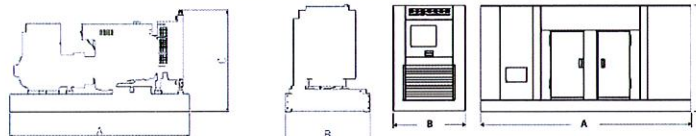
Alternator

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

DIMENSION		OPEN	SILENT
Length (A)		2800mm	3500mm
Width (B)		790mm	1080mm
Height (C)		1650mm	2120mm
Net Weight		1644kg	2487kg

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

Power Station Generators
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STANDBY GENERATOR SERVICES