



DIESEL GENERATOR SET LG22YD

SPECIFICATION

MODEL		Power rating		Voltage available		
		PRIME(1)	STANDBY(2)			
LG22YD	400V/50Hz PF:0.8	16KW 20KVA	17.6KW 22KVA	380/220v	400/230v	415/240v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG22YD
Motor	YANGDONG YSD490D
Alternator	LEEGA LA184G16
Speed Control type	Mechanical governor
Phase	Three
Fuel Tank Capacity	60 L
System Voltage	12V
Frequency	50HZ
Fuel injection pump	YTO made

ENGINE

Maximum output(kw)	21KW(50Hz)
Number of Cylinders	4
Aspiration	Naturally aspirated
Cycle	4
Fuel Type	Diesel
Combustion Type	Indirect Injection
Cooling Type	Water cooled
Bore	90mm
Stroke	100mm
Displacement	2.54 L
Compression Ratio	18:1
Lubrication Capacity	7.4 liter
Coolant Capacity	2.7 liter

FUEL CONSUMPTION	1500 RPM
	L/hr
Standby Power(2)	247.5g/kw.h
Prime Power(1)	5.15l/h (247.5g/kw.h)

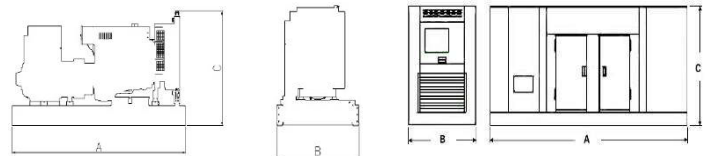
DIMENSION	OPEN	SILENT
Length (A)	1760mm	2120mm
Width (B)	760 mm	850mm
Height (C)	1250mm	1140mm
Net Weight	570 kg	835kg

Alternator

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

Certificates

Engine	ISO 3046,BS 5514,DIN 6271
Alternator	UTE NFC 51-111-105-110
	ICE34-1.BS 5000-4999
	NEMA MG 21,VDE 0530
Generator Set	ISO 8528



(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 u

(3)Operation at Altitude \leq 1500m, Ambient temperature \leq 40°C).If altitude higher than 1500m, each 300m will cause additional de-rating 4%.

Certificacion ISO 9001:2000

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