

PROTELEC

GRUPOS ELECTRÓGENOS

- Grupos Electrógenos
- Servicio Técnico Multimarca
- Arriendos
- Automatización y Sincronismo

DIESEL GENERATOR SET GD100060 SPECIFICATION

MODEL	Power rating		Voltage available	
	PRIME(1)	STANDBY(2)		
GD100060	400V/50Hz PF:0.8	48KW 60KVA	53KW 66KVA	380/220v 400/230v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	GD100060	
Motor	Cummins 4BTA3.9G2	
Alternator	STAMFORD OR LEROY SOMER	
Speed Control type	Electronically	
Phase	Three	
Fuel Tank Capacity	220L (Open Type) 210L (SILENT TYPE)	
System Voltage	24V	
Frequency	50HZ	60HZ
Engine coolant flow	1.6L/sec	2.2L/sec
Air intake flow	59L/sec	83L/sec
Exhaust air flow	165L/sec	226L/sec
Exhaust Temperature	540°C	560°C

ENGINE

Maximum output(kw)	64KW(50Hz)	74KW(60HZ)
Number of Cylinders	4	
Aspiration	Turbocharged	
Cycle	4	
Fuel Type	Diesel	
Combustion Type	Direct Injection	
Cooling Type	Water cooled	
Bore	102mm	
Stroke	120mm	
Displacement	3.9 L	
Compression Ratio	17.3:1	
Lubrication Capacity	9.5 liter	
Coolant Capacity	8.3 liter	

FUEL CONSUMPTION	1500 RPM	1800RPM
	L/hr	L/hr
Standby Power(2)	17	19
Prime Power(1)	15	17
75% Prime Power(1)	11	13
50% Prime Power(1)	8	9

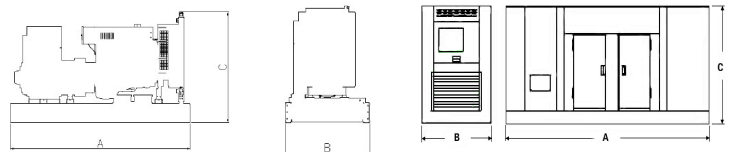
DIMENSION	OPEN	SILENT
Length (A)	1850mm	2700mm
Width (B)	980mm	1100mm
Height (C)	1500mm	1900mm
Net Weight	1170KG	1550KG

Alternator

Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
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 max. of 500 hours during one year of which 300 hours may be for continuous use.

(3)Operation at Altitude ≤1500m, Ambient temperature ≤ 40°C).If altitude higher than 1500m, each 100m will cause additional de-rating 1%.

Certificacion ISO 9001:2000

MAS QUE ENERGÍA, UN COMPROMISO DE CALIDAD

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