



DIESEL GENERATOR SET PM38SDGT-2

SPECIFICATION

MODEL	Power rating		Voltage available
	PRIME(1)	STANDBY(2)	
230/400V/60Hz	28KW	30KW	230/400v
PF: 0.8	35KVA	37.5KVA	

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	PM38SDGT-2
Motor	Yangdong Y4100D
Alternator	SMF180E
Speed Control type	Mechanic
Phase	Three
Fuel Tank Capacity	73 L
System Voltage	12V
Frequency	60HZ

ENGINE

Rated output(kw)	36KW(60Hz)
Number of Cylinders	4L
Aspiration	Naturally Aspirated
Cycle	4
Fuel Type	Diesel
Combustion Type	Director injector
Cooling Type	Forced watercooling
Bore	100mm
Stroke	118mm
Displacement	3.707 L
Compression Ratio	18:1

FUEL CONSUMPTION	1800 RPM
Standby Power(2)	8.5 L/hr
Prime Power(1)	8.0
75% Prime Power(1)	6.0
50% Prime Power(1)	###

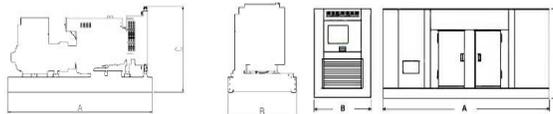
Alternator

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

DIMENSION	OPEN	SILENT
Length (A)	1880mm	2250mm
Width (B)	760mm	850mm
Height (C)	1300mm	1290mm
Net Weight	795kg	920kg

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
	ISO 8528



Generator Set

Controller

Samrtgen HGM6110N

Stop/Reset Can stop generator under Manual/Auto mode;can reset shutdown alarm; Press this key at least 3 seconds to test panel indicators are OK or not (lamp test);During stopping process , press this key again can stop generator immediately.

- Start** Start geneset under manual or manual test mode.
- Manual** Pressing this key will set the module as Manual mode
- Auto** Pressing this key will set the module as Auto mode
- Gen close/Open** Can control gens to switch on or off in Manual mode.
- Close** Can control gens to switch on in Manual mode.
- Open** Can control gens to switch off in Manual mode
- Set/Confirm** Press this key to enter menu interface
Shift cursor to confirm in parameters setting menu.
- Up/Increase** Screen croll
Up cursor and increase value in setting menu.
- Down/Decrease** Scroll screen
Down cursor and decrease value in setting menu
- Home/Return** Return to homepage when in main interface
Exit when in parameters setting interface



(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°C).If altitude higher than 1500m, each 300m will cause additional de-rating 4%.