

X12000 230V 50Hz



Main Features

Frequency	Hz	50
Voltage	V	230
Power factor	cos ϕ	0.9
Phase		1

Power Rating

Emergency Standby Power ESP	kVA	11.9
Emergency Standby Power ESP	kW	10.7
Continuous power COP	kVA	10.0
Continuous power COP	kW	9.1

Ratings definition (ISO-8528)

ESP - Emergency Standby Power:

It is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.

COP - Continuous Power:

It is defined as being the maximum power which a generating set is capable of delivering continuously for an unlimited number of hours, with the maintenance intervals and procedure being carried out as prescribed by the manufacturers.



Engine specifications

Engine Brand		Honda
Model		GX630
[50Hz] Exhaust emission level		Stage V
Engine cooling system		Air
Displacement	cm ³	688
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	1.9
Starting system		Electric

Alternator Specifications

Alternator		Mecc Alte
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage	V	230
Voltage regulation system		Capacitor

Dimensional data

Length	(L) mm	960
Width	(W) mm	638
Height	(H) mm	665
Dry weight	kg	147
Fuel tank capacity	l	24

Autonomy

Fuel consumption at 75% of Load	l/h	4.23
Fuel consumption at 100% of Load	l/h	5.64
Running time at 75% of load	h	5.67
Running time at 100% of load	h	4.26



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GENSET CONTROL PANELS



Mounted on the genset and complete of: instrumentation, control, protection of the generating set and sockets.

Commands:

- Start selector switch with key: OFF - ON - START
- Choke

Instrumentation (DGT)

- Voltmeter
- Hours-counter
- Frequency meter

Protections:

- Magneto Thermal protection
- Thermal Circuit Breaker
- Oil Guard

SOCKET TYPE

SCHUKO 230V 16A IP54	3
2P+T CEE 230V 16A IP44	1
2P+T CEE 230V 32A IP44	1



ACCESSORIES

TRANSPORTATION KIT

- With fix handles
- With folding handles



LIGHT TOWER

for portable generators (with tubular frames)

- Maximum Height 4.2m
- Elevations Pneumatic
- Quick open/close systems for legs
- Mast support and four lifting
- Lamp available Watt/Type:
 - n.4 X 500W Halogen (required power from generator: 2.5kVA 230V Single Phase)
 - n.4 X 1000W Halogen (required power from generator: 5,0kVA 230V Single Phase)



MTS- MANUAL TRANSFER SWITCH

- Manual transfer switch 40A (for manual control versions 230V)

