

S12000 230V 63A #AVR



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	
Electric circuit	V	12

Alternator Specifications

Alternator	Mecc Alte	
Type	Brushes	
Class	H	
IP protection	23	
Poles	2	
Frequency	Hz	50
Voltage	V	230
Voltage regulation system	AVR	
Standard AVR	ASR	
Voltage tolerance	%	1

Dimensional data

Length	(L) mm	960
Width	(W) mm	641
Height	(H) mm	667
Dry weight	kg	162
Fuel tank capacity	l	24

Autonomy

Fuel consumption at 75% of Load	l/h	4.07
Fuel consumption at 100% of Load	l/h	5.43
Running time at 75% of load	h	5.90
Running time at 100% of load	h	4.42

Noise level

Guaranteed noise level (LWA)	dB(A)	96
Noise pressure level @ 7 m	dB(A)	68



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

INSTRUMENTATION (DGT)

- Voltmeter
- Hours-counter
- Frequency meter

PROTECTIONS

- Circuit breaker
- Oil Guard

SOCKET TYPE

2P+T CEE 230V 63A IP67

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ACCESSORIES

TRANSPORTATION KIT

- With fix handles



- With folding handles

