

S12000 115/230V 63A #AVR CONN



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

Type	Brushes	
Class	H	
IP protection	23	
Poles	2	
Frequency	Hz	50
Voltage regulation system	AVR	
Standard AVR	ASR	

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

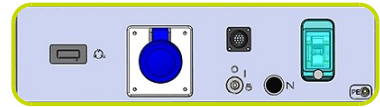
Noise level

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



GENSET CONTROL PANELS (CONN)

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
- **CONN**ector for AMF/RSS (Accessory available)

INSTRUMENTATION (DGT)

- Voltmeter
- Hours-counter
- Frequency meter

PROTECTIONS

- Circuit breaker
- Oil Guard

SOCKET

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ACCESSORIES CONTROL PANEL

AMF - AUTOMATIC CONTROL PANEL (CONN)

This accessory permits to control all the functions about a generator. It's built to monitor mono phase or three phase with neutral systems in alternate current; it permits to transfer the user's load on generator when the mains voltage is faulty. Conversely, as soon as AMF system detects the power grid, it stops the generator.

Equipment:

- Control and protection unit (DGT)
- Phase detector
- Contactor with interblock
- Battery charged
- Acoustic alarm
- 8 meters control wiring (with CONNector)
- External start stop capability
- Emergency stop button

Instrumentation (DGT):

- Mains voltage
- Genset voltage
- Frequency meter
- Hour meter

Alarm & Shutdowns:

- Generators voltage out of limits
- Battery Voltage out of limits
- Low oil Pressure
- Fail to start
- External shutdown



RSS - REMOTE START / STOP (CONN)

RSS Remote start/stop wireless with CONNector (max Distance 90m)



ACCESSORIES

TRANSPORTATION KIT

- With fix handles
- With folding handles

