S8000 230V 50HZ #AVR #CONN #HAU

THE COMPLETE PETROL PACKAGE

A robust generator with all the features of a top class product: a powerful and economic engine, a strong and modern design and a long-run easy filling fuel tank. Perfect for intensive use, it's equipped with a control panel which allows to integrate many accessories and options for better comfort and for optimal command.

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

Power Rating		
Emergency Standby Power ESP	kVA	7.2
Emergency Standby Power ESP	kW	6.4
Continuous power COP	kVA	6.0
Continuous power COP	kW	5.5

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 - Continuos 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		GX390 Electric
Engine cooling system		Air
Displacement	cm^3	389
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	1.1
Starting system		Electric (+Recoil)

Alternator Specifications		
Type		Brushes
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage tolerance	%	2
Voltage regulation system		Electronic
Standard AVR		AVR 520

Dimensional data		
Length	(L) mm	840
Width	(W) mm	615
Height	(H) mm	753
Dry weight	kg	109
Fuel tank capacity	l	27

Autonomy		
Fuel consumption at 75% of Load	l/h	2.16
Fuel consumption at 100% of Load	l/h	2.87
Running time at 75% of load	h	12.50
Running time at 100% of load	h	9.41

Noise level		
Guaranteed noise level (LWA)	dB(A)	97
Noise pressure level @ 7 m	dB(A)	69

Genset equipment

Innovative, compact design, equipped with components and special parts to meet professional applications:

Basic Structure:
- Tubular steel bearing and protective frame (roll bar)
- Lateral protective sheet steel covers (removable and with appropriate openings for an easier ordinary maintenance).

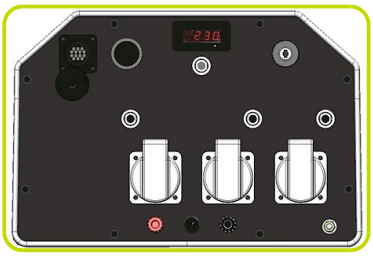
Fuel Tank:
- Increased tank capacity (standard autonomy much higher than average)
- Fuel level indicator (analog)
- Bayonet Fuel Filler Cap
- Pre-filter fuelling cup-shape
- Fuel tap (located on the frontal control panel)
- In-line fuel filter

Engine:
- Anti vibration properly sized mounts
- Starter battery incorporated in the structure
- Exhaust Residential muffler with spark arrestor protection
- Low oil level protection (oil guard)

Transportation:
- Integrated transport kit consisting of two solid rubber wheels and a non-slip rubber foldaway handle.
- 2 lifting points on the upper part of the frame.

Instructions:
- Practical quick user's instructions leaflet on the front panel – to make starting your generator even easier and safer – (ideal for rental)

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
- Pushbutton Choke
- CONNector for AMF/RSS (Accessory available)

Protections:
- Thermal Circuit Breaker
- Oil Guard
- Fuse 10A (12V DC)

Output:
- Battery Charger 12V DC

SOCKET TYPE

AS/NZS 3112 15A 250V	3

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
- Acustic 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)

The information is aligned with the Data file at the time of download. Printed on 27/06/2022 (ID 2451)