

ENERGY GENERATION

S8000 230V50HZ #AVR #CONN #DPP

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. Ready to move where power is needed, and configured with a strong and compact frame with integrated handle and wheels, that allow to transport it easily.

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

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

Ratings definition (According to standard ISO8528 1:2005)

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 procedures being carried out as prescribed by the manufacturers.

LTP - Limited-Time running Power: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (whose no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

Engine specifications			
Engine manufacturer		Honda	
Model	G	GX390 Electric	
Engine cooling system		Air	
Displacement	cm³	389	
Aspiration		Natural	
Operating Speed-Nominal	rpm	3000	
Speed governor		Mechanical	
Fuel		Petrol	
Oil capacity	1	1.1	
Starting system		Electric	



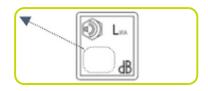
Alternator Specifications		
Type		Brushes
Class		Н
Voltage regulation system		Electronic
IP protection		23
Poles		2
Frequency	Hz	50
Voltage tolerance	%	2
Standard AVR		AVR 520

Dimensional data		
Length	(L) mm	840
Width	(W) mm	615
Height	(H) mm	753
Dry weight	Kg	109
Fuel tank capacity		26.5



Autonomy		
Running time @ 75% PRP	h	12.27
Running time @ 100% PRP	h	9.23

Noise level		
Guaranteed noise level (LWA)	dB(A)	97
Noise pressure level @ 4 mt	dB(A)	73



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 DPP)

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)

INSTRUMENTATION

- Voltmeter
- Hours-counter
- Frequency meter
- Fuel gauge

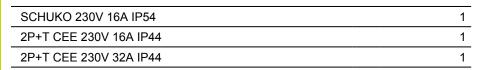
PROTECTIONS:

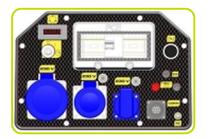
- Thermal Circuit Breaker
- Differential Protection (DPP)
- Cover Power Switch
- Oil Guard
- Fuse 10A (12V DC)

OUTPUT:

- Battery Charger 12V DC

SOCKET TYPE





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 wireless with CONNector (max Distance 90m)





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