

S5000 400V50Hz #AVR #CONN

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	400/230
Power factor	cos ϕ	0.8
Phase		3

Power Rating

Emergency Standby Power ESP	kVA	6.3
Emergency Standby Power ESP	kW	5.0
Continuous power COP	kVA	5.4
Continuous power COP	kW	4.3

Single Phase Power Rating

Single phase Maximum Power	kVA	3.8
Single phase continuous power COP	kVA	3.5

Ratings definition (According to standard ISO8528 1:2005)



Engine specifications

Engine Brand		Honda
Model		GX270 Electric
Engine cooling system		Air
Displacement	cm ³	270
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	1.1
Starting system		Electric



Alternator Specifications

Alternator		NSM
Type		Brushes
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage	V	400
Voltage regulation system		Electronic
Standard AVR		AVR 860
Voltage tolerance	%	1.5

Dimensional data

Length	(L) mm	840
Width	(W) mm	615
Height	(H) mm	753
Dry weight	kg	97
Fuel tank capacity	l	27



Autonomy

Fuel consumption at 75% of Load	l/h	1.66
Fuel consumption at 100% of Load	l/h	2.22
Running time at 75% of load	h	16.27
Running time at 100% of load	h	12.16

Noise level

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



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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)

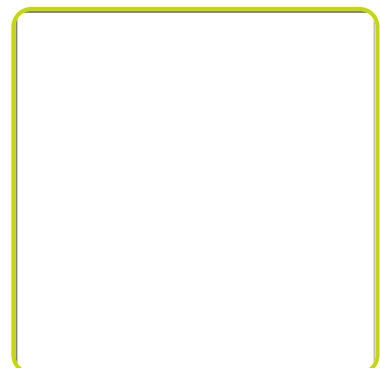
Transportation:

- 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)



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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)

INSTRUMENTATION

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

PROTECTIONS:

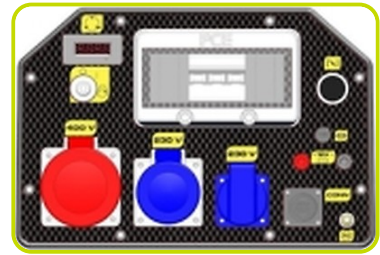
- Thermal protections
- Cover Power Switch
- Oil Guard
- Fuse 10A (12V DC)

OUTPUT:

- Battery Charger 12V DC

SOCKET TYPE

SCHUKO 230V 16A IP54	1
2P+T CEE 230V 16A IP44	1
3P+N+T CEE 400V 16A IP44	1



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ACCESSORIES CONTROL PANEL

AMF - AUTOMATIC CONTROL PANEL (CONN)

This accessory allows to control all the generator functions. It's built to monitor single phase or three phase with neutral systems in alternate current; it transfers the 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 interlock
- Battery maintener
- 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)



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