

# S5000 230V50HZ #AVR #IPP

## 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 $\phi$	0.9
Phase		1

### Power Rating

Emergency Standby Power ESP	kVA	5.3
Emergency Standby Power ESP	kW	4.8
Continuous power COP	kVA	4.2
Continuous power COP	kW	3.9

### 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	GX270 Electric	
Engine cooling system	Air	
Displacement	cm <sup>3</sup>	270
Aspiration	Natural	
Operating Speed-Nominal	rpm	3000
Speed governor	Mechanical	
Fuel	Petrol	
Oil capacity	l	1.1
Starting system	Electric	



### 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	89
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



## 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 (IPP)

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

### INSTRUMENTATION

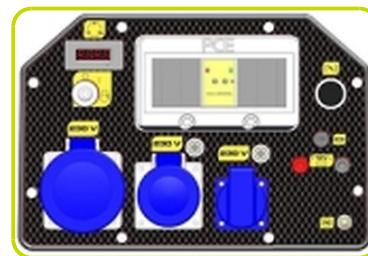
- Voltmeter
- Hours-counter
- Frequency meter
- Fuel gauge

### PROTECTIONS:

- Thermal Circuit Breaker
- Isometer Protection (IPP)
- 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
2P+T CEE 230V 32A IP44	1

The information is aligned with the Data file at the time of download. Printed on 17/03/2022 (ID 2409)

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