

# SP12000 400V IP54 #AVR #IPP

## THE COMPLETE PROTECTION



This genset has an exceptional quality and strength; it responds to all EEC markets requirements. It is a rare product, with such power, to complying with the EU regulations on noise emission (2000/14/CE). SP 12000 offers a top equipment as standard: insulation monitoring, automatic voltage regulator, IP 54 protection of the control panel and the alternator, for comfort and safety.

### Main Features

Frequency	Hz	50
Voltage	V	400/230
Power factor	cos $\phi$	0.8
Phase		3

### Power Rating

Emergency Standby Power ESP	kVA	13.8
Emergency Standby Power ESP	kW	11.1
Continuous power COP	kVA	11.8
Continuous power COP	kW	9.4

### Single Phase Power Rating

Single phase Maximum Power	kVA	7.5
Single phase continuous power COP	kVA	6.8

Ratings definition (According to standard ISO8528 1:2005)

### Engine specifications

Engine Brand		Honda
Model		GX630
[50Hz] Exhaust emission level		Stage V
Engine cooling system		Air
Displacement	cm <sup>3</sup>	688
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	1.9
Starting system		Electric

### Alternator Specifications

Type		Brushless
Class		H
IP protection		54
Poles		2
Frequency	Hz	50
Voltage regulation system		Electronic

### Dimensional data

Length	(L) mm	960
Width	(W) mm	641
Height	(H) mm	667
Dry weight	kg	170
Fuel tank capacity	l	24

### Autonomy

Fuel consumption at 75% of Load	l/h	4.23
Fuel consumption at 100% of Load	l/h	5.64
Running time at 75% of load	h	5.67
Running time at 100% of load	h	4.26

### Noise level

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



## GENSET CONTROL PANELS IP 54 (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

### Instrumentation:

- Hours-counter
- Voltmeter

### Protections:

- Thermal Protection
- Isometer protection
- IP55 cover
- Oil Guard

### SOCKET TYPE

SCHUKO 230V 16A IP54	3
3P+N+T CEE 400V 16A IP67	1
3P+N+T CEE 400V 32A IP67	1

## ACCESSORIES

### TRANSPORTATION KIT

- With fix handles



- With folding handles

