



# ENERGY GENERATION

## S12000 400V 50HZ #AVR #CONN #DPP

### THE COMPLETE PETROL PACKAGE



S 12000 has an exceptional quality and strength. It responds to all EEC markets requirements and it's a rare product, with such power, to complying with the EU regulations on noise emission (2000/14/CE). S 12000 offers all the features of a top class product: A powerful and economical engine, a strong and modern design and a long-run easy filling fuel tank. Perfect for intensive use, this generator is equipped with a control panel which allows to integrate many accessories and options for better confort and for optimal command.

#### Main Features

Frequency	Hz	50
Voltage	V	400
Power factor	cos $\phi$	0.8
Phase and connection		3

#### Power Rating

Standby power LTP	kVA	13.9
Standby power LTP	kW	11.1
Continuous power COP	kVA	11.8
Continuous power COP	kW	9.5

#### Single Phase Power Rating

Single phase standby power LTP	kVA	5.6
Single phase continuous power COP	kVA	5.0

Ratings definition (According to standard ISO8528 1:2005)

### Engine specifications

Engine manufacturer		Honda
Model		GX630
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

Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage regulation system		Electronic
Standard AVR		ASR

### Dimensional data

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

### Autonomy

Fuel consumption @ 75% PRP	l/h	4.23
Fuel consumption @ 100% PRP	l/h	5.64
Running time @ 75% PRP	h	5.67
Running time @ 100% PRP	h	4.26

### Noise level

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



## 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

### PROTECTIONS:

- Magneto Thermal Protection
- Differential protection
- Oil Guard

### SOCKET TYPE

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

## 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
- 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)



## ACCESSORIES

### TRANSPORTATION KIT

- With fix handles
- With folding handles

