

# 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          | 400/230 |
| Power factor | cos $\phi$ | 0.8     |
| Phase        |            | 3       |

### Power Rating

|                             |     |      |
|-----------------------------|-----|------|
| Emergency Standby Power ESP | kVA | 13.9 |
| Emergency Standby Power ESP | kW  | 11.1 |
| Continuous power COP        | kVA | 11.8 |
| Continuous power COP        | kW  | 9.5  |

### Single Phase Power Rating

|                                   |     |     |
|-----------------------------------|-----|-----|
| Single phase Maximum Power        | kVA | 5.6 |
| Single phase continuous power COP | kVA | 5.0 |

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                      |    | Brushes    |
| 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 |
| Dry weight         | kg     | 165 |
| 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 (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

