

## POWER ANYTIME

### S8000 230V50HZ #AVR #CONN #DPP 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

|                      |     |     |
|----------------------|-----|-----|
| Standby power LTP    | kVA | 7.2 |
| Standby power LTP    | kW  | 6.4 |
| Continuous power COP | kVA | 6.0 |
| Continuous power COP | kW  | 5.5 |

#### Ratings definition (According to standard ISO8528 1:2005)

**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 procedures being carried out as prescribed by the manufacturers.

**LTP** - Limited-Time running Power: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (whose no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

### Engine specifications

|                         |                 |      |
|-------------------------|-----------------|------|
| Engine manufacturer     | Honda           |      |
| Model                   | GX390 Electric  |      |
| Engine cooling system   | Air             |      |
| Displacement            | cm <sup>3</sup> | 389  |
| 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     | 109 |
| Fuel tank capacity | l      | 27  |



### Autonomy

|                             |     |       |
|-----------------------------|-----|-------|
| Fuel consumption @ 75% PRP  | l/h | 2.16  |
| Fuel consumption @ 100% PRP | l/h | 2.87  |
| Running time @ 75% PRP      | h   | 12.50 |
| Running time @ 100% PRP     | h   | 9.41  |

### 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 (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
- Frequency meter
- Fuel gauge

### PROTECTIONS:

- Thermal Circuit Breaker
- Differential Protection (DPP)
- 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 |
| 2P+T CEE 230V 32A 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)

