

# S8000 400V50Hz #AVR #CONN

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

### Power Rating

|                             |     |     |
|-----------------------------|-----|-----|
| Emergency Standby Power ESP | kVA | 8.3 |
| Emergency Standby Power ESP | kW  | 6.6 |
| Continuous power COP        | kVA | 7.0 |
| Continuous power COP        | kW  | 5.6 |

### Single Phase Power Rating

|                                   |     |     |
|-----------------------------------|-----|-----|
| Single phase Maximum Power        | kVA | 4.0 |
| Single phase continuous power COP | kVA | 3.7 |

Ratings definition (According to standard ISO8528 1:2005)



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### Engine specifications

|                         |                 |                    |
|-------------------------|-----------------|--------------------|
| Engine Brand            |                 | 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 (+Recoil) |

### Alternator Specifications

|                           |    |            |
|---------------------------|----|------------|
| Alternator                |    | NSM        |
| Type                      |    | Brushes    |
| Class                     |    | H          |
| IP protection             |    | 23         |
| Poles                     |    | 2          |
| Frequency                 | Hz | 50         |
| Voltage                   | V  | 400        |
| Voltage regulation system |    | Electronic |
| Standard AVR              |    | AVR 860    |
| Voltage tolerance         | %  | 1.5        |

### Dimensional data

|                    |        |     |
|--------------------|--------|-----|
| Length             | (L) mm | 840 |
| Width              | (W) mm | 615 |
| Height             | (H) mm | 753 |
| Dry weight         | kg     | 112 |
| Fuel tank capacity | l      | 27  |

### Autonomy

|                                  |     |       |
|----------------------------------|-----|-------|
| Fuel consumption at 75% of Load  | l/h | 2.15  |
| Fuel consumption at 100% of Load | l/h | 2.87  |
| Running time at 75% of load      | h   | 12.56 |
| Running time at 100% of load     | h   | 9.41  |

### Noise level

|                              |       |    |
|------------------------------|-------|----|
| Guaranteed noise level (LWA) | dB(A) | 97 |
| Noise pressure level @ 7 m   | dB(A) | 69 |



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## 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)

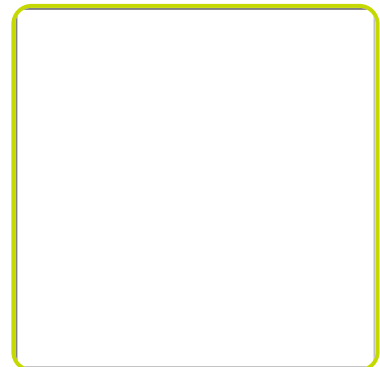
### Transportation:

- 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)



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## GENSET CONTROL PANELS (CONN)

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:

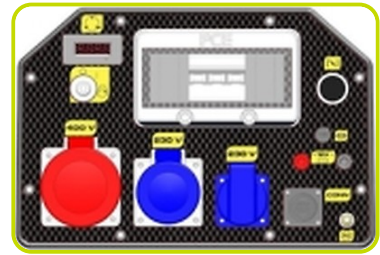
- Thermal protections
- Cover Power Switch
- Oil Guard
- Fuse 10A (12V DC)

### OUTPUT:

- Battery Charger 12V DC

### SOCKET TYPE

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



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## ACCESSORIES CONTROL PANEL

### AMF - AUTOMATIC CONTROL PANEL (CONN)

This accessory allows to control all the generator functions. It's built to monitor single phase or three phase with neutral systems in alternate current; it transfers the 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 interlock
- Battery maintener
- 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)



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## ACCESSORIES

### TRANSPORTATION KIT

- With fix handles



- With folding handles

