# 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 ϕ | 0.9 |
| Phase | | 1 |

| Power Rating | | |
|---|---|---|
| Emergency Standby Power ESP | kVA | 7.2 |
| Emergency Standby Power ESP | kW | 6.4 |
| Continuous power COP | kVA | 6.0 |
| Continuous power COP | kW | 5.5 |

**Ratings definition (ISO-8528)**
**ESP** - Emergency Standby Power:
It is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP.
**COP** - Continuos 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 procedure being carried out as prescribed by the manufacturers.

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| Engine specifications | | |
|---|---|---|
| Engine Brand | | Honda |
| Model | | GX390 Electric |
| Engine cooling system | | Air |
| Displacement | cm³ | 389 |
| Aspiration | | Natural |
| Operating Speed-Nominal | rpm | 3000 |
| Speed governor | | Mechanical |
| Fuel | | Petrol |
| Oil capacity | l | 1.1 |
| Starting system | | Electric (+Recoil) |

| 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 at 75% of Load | l/h | 2.16 |
| Fuel consumption at 100% of Load | l/h | 2.87 |
| Running time at 75% of load | h | 12.50 |
| 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 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 |

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## 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
- Acustic 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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The information is aligned with the Data file at the time of download. Printed on 14/02/2022 (ID 2449)

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