

## ES8000 230V 50HZ

### LONG RUN ENERGY



A petrol generator designed specifically for intensive operations where performance power is demanded by professional user, over an extended period of time.

#### Main Features

|                      |            |     |
|----------------------|------------|-----|
| Frequency            | Hz         | 50  |
| Voltage              | V          | 230 |
| Power factor         | cos $\phi$ | 0.9 |
| Phase and connection |            | 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 Recoil |
| 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         |                 | Recoil       |



### Alternator Specifications

|                           |    |           |
|---------------------------|----|-----------|
| Class                     |    | H         |
| IP protection             |    | 23        |
| Poles                     |    | 2         |
| Frequency                 | Hz | 50        |
| Voltage regulation system |    | Capacitor |

### Dimensional data

|                    |        |     |
|--------------------|--------|-----|
| Length             | (L) mm | 729 |
| Width              | (W) mm | 500 |
| Height             | (H) mm | 536 |
| Dry weight         | Kg     | 73  |
| Fuel tank capacity | l      | 11  |

### Autonomy

|                             |     |      |
|-----------------------------|-----|------|
| Fuel consumption @ 75% PRP  | l/h | 2.14 |
| Fuel consumption @ 100% PRP | l/h | 2.87 |
| Running time @ 75% PRP      | h   | 5.14 |
| Running time @ 100% PRP     | h   | 3.83 |

### Noise level

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

## GENSET CONTROL

### COMMANDS:

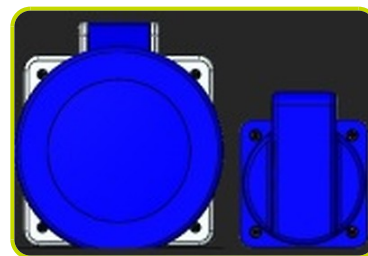
- Selector switch: OFF - ON
- Starting systems: Recoil
- Fuel Cock

### PROTECTIONS STANDARD:

- Thermal protection
- Oil Guard

### SOCKET TYPE

|                        |   |
|------------------------|---|
| SCHUKO 230V 16A IP54   | 1 |
| 2P+T CEE 230V 32A IP44 | 1 |



## SUPPLEMENTS CONTROL (Available when ordered)

### ASCOFDIFF

Extra Protection with:

- differential protection 30mA
- circuit breaker
- hourmeter



## ACCESSORIES

### TRANSPORTATION KIT

- With fix handles
- With folding handles

### LIGHT TOWER

for portable generators (with tubular frames)

- Maximum Height 4.2m
- Elevations Pneumatic
- Quick open/close systems for legs
- Mast support and four lifting
- Lamp available Watt/Type:
  - n.4 X 500W Halogen (required power from generator: 2.5kVA 230V Single Phase)
  - n.4 X 1000W Halogen (required power from generator: 5,0kVA 230V Single Phase)

### MTS- MANUAL TRANSFER SWITCH

- Manual transfer switch 40A (for manual control versions 230V)

