

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 ϕ | 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 Recoil |
| Engine cooling system | | Air |
| Displacement | cm ³ | 389 |
| Aspiration | | Natural |
| Operating Speed-Nominal | rpm | 3000 |
| Speed governor | | Mechanical |
| Fuel | | Petrol |
| Oil capacity | l | 1.1 |
| Starting system | | Recoil |



Alternator Specifications

| | | |
|---------------------------|----|-----------|
| Type | | Brushless |
| 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 m | dB(A) | 69 |

GENSET CONTROL

COMMANDS:

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

PROTECTIONS STANDARD:

- Thermal protection
- Oil Guard

SOCKET TYPE

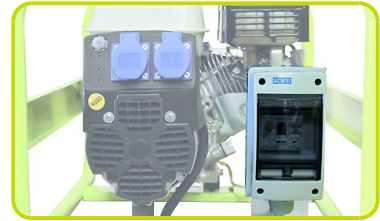
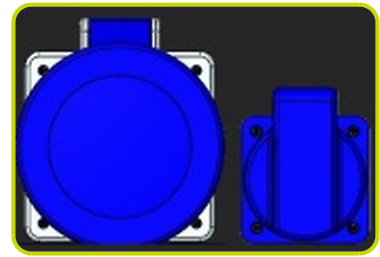
| | |
|------------------------|---|
| SCHUKO 230V 16A IP54 | 1 |
| 2P+T CEE 230V 32A IP44 | 1 |

SUPPLEMENTS CONTROL (Available when ordered)

Electrical box DPP + HM

Extra Protection with:

- Differential protection 30mA
- Circuit breaker
- Hourmeter



ACCESSORIES

TRANSPORTATION KIT

- With fix handles



- With folding handles

