

# ES8000 400V 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	400
Power factor	cos $\phi$	0.8
Phase		3

### Power Rating

Standby power LTP	kVA	8.3
Standby power LTP	kW	6.6
Continuous power COP	kVA	7.0
Continuous power COP	kW	5.6

### Single Phase Power Rating

Single phase standby power LTP	kVA	4.0
Single phase continuous power COP	kVA	3.7

#### 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

Type		Brushes
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage tolerance	%	6
Voltage regulation system		Compound

### Dimensional data

Length	(L) mm	729
Width	(W) mm	500
Height	(H) mm	536
Dry weight	Kg	81
Fuel tank capacity	l	11

### Autonomy

Fuel consumption @ 75% PRP	l/h	2.15
Fuel consumption @ 100% PRP	l/h	2.86
Running time @ 75% PRP	h	5.12
Running time @ 100% PRP	h	3.85

### 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 16A IP44	1
3P+N+T CEE 400V 16A 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

