

# ES8000 230V 50HZ #AVR

## 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		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 - 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 procedure being carried out as prescribed by the manufacturers.

### Engine specifications

Engine Brand	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	%	2
Voltage regulation system	Electronic	
Standard AVR	AVR 520	

### 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 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	5.09
Running time at 100% of load	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

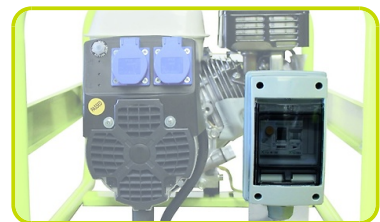
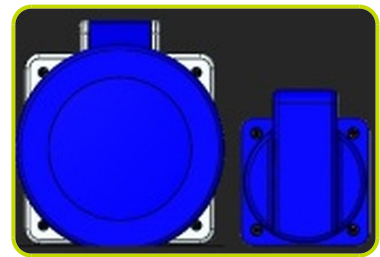
SCHUKO 230V 16A IP54	1
2P+T CEE 230V 32A IP44	1

## 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

