

# ES3000 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	2.9
Emergency Standby Power ESP	kW	2.6
Continuous power COP	kVA	2.5
Continuous power COP	kW	2.2

### 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		GX160
Engine cooling system		Air
Displacement	cm <sup>3</sup>	163
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	0.6
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	623
Width	(W) mm	409
Height	(H) mm	500
Dry weight	kg	43
Fuel tank capacity	l	11

### Autonomy

Fuel consumption at 75% of Load	l/h	0.88
Fuel consumption at 100% of Load	l/h	1.18
Running time at 75% of load	h	12.50
Running time at 100% of load	h	9.32

### Noise level

Guaranteed noise level (LWA)	dB(A)	96
Noise pressure level @ 7 m	dB(A)	68

## GENSET CONTROL

### COMMANDS:

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



### PROTECTIONS STANDARD:

- Thermal protection
- Oil Guard

### SOCKET TYPE

SCHUKO 230V 16A IP54

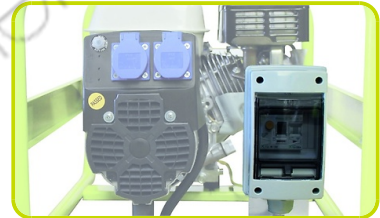
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## SUPPLEMENTS CONTROL (Available when ordered)

### Electrical box DPP + HM

Extra Protection with:

- Differential protection 30mA
- Circuit breaker
- Hourmeter



## ACCESSORIES

### TRANSPORTATION KIT

- With fix handles



- With folding handles



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