

# ES3000 230/115V 50HZ HUK

## 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	2.9
Standby power LTP	kW	2.6
Continuous power COP	kVA	2.5
Continuous power COP	kW	2.2

#### 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		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		Brushless
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage tolerance	% +5; -10 (cosφ1)	
Voltage regulation system		Capacitor

### Dimensional data

Length	(L) mm	623
Width	(W) mm	409
Height	(H) mm	500
Dry weight	Kg	41
Fuel tank capacity	l	11

### Autonomy

Fuel consumption @ 75% PRP	l/h	0.88
Fuel consumption @ 100% PRP	l/h	1.17
Running time @ 75% PRP	h	12.50
Running time @ 100% PRP	h	9.40

### Noise level

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

## GENSET CONTROL

### COMMANDS

- Selector switch: OFF - ON
- Starting systems: Recoil
- Selector switch 115/230V
- Fuel Cock

### PROTECTIONS STANDARD

- Thermal protection
- Oil Guard

### SOCKET TYPE

2P+T CEE 115V 16A IP44	1
2P+T CEE 230V 16A IP44	1

