

# ES4000 230/115V +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	230/115
Power factor	cos $\phi$	0.9
Phase		1

### Power Rating

Emergency Standby Power ESP	kVA	3.4
Emergency Standby Power ESP	kW	3.1
Continuous power COP	kVA	2.9
Continuous power COP	kW	2.6

### 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		GX200
Engine cooling system		Air
Displacement	cm <sup>3</sup>	196
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	43
Fuel tank capacity	l	11

### Autonomy

Fuel consumption at 75% of Load	l/h	1.18
Fuel consumption at 100% of Load	l/h	1.57
Running time at 75% of load	h	9.32
Running time at 100% of load	h	7.01

### Noise level

Guaranteed noise level (LWA)	dB(A)	95
Noise pressure level @ 7 m	dB(A)	67



## GENSET CONTROL

### COMMANDS

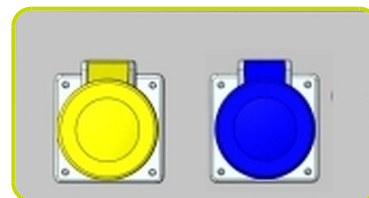
- Selector switch: OFF - ON
- Starting systems: Recoil
- Selector switch 115/230V
- Fuel Cock

### PROTECTIONS STANDARD

- Thermal protection
- Oil Guard

### SOCKET TYPE

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



The information is aligned with the Data file at the time of download. Printed on 14/02/2022 (ID 2487)

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