

ES5000 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 ϕ	0.9
Phase		1

Power Rating

Standby power LTP	kVA	5.1
Standby power LTP	kW	4.6
Continuous power COP	kVA	4.2
Continuous power COP	kW	3.9

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	GX270 Recoil	
Engine cooling system	Air	
Displacement	cm ³	270
Aspiration	Natural	
Operating Speed-Nominal	rpm	3000
Speed governor	Mechanical	
Fuel	Petrol	
Oil capacity	l	1.1
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	729
Width	(W) mm	500
Height	(H) mm	536
Dry weight	Kg	61
Fuel tank capacity	l	11

Autonomy

Fuel consumption @ 75% PRP	l/h	1.67
Fuel consumption @ 100% PRP	l/h	2.22
Running time @ 75% PRP	h	6.59
Running time @ 100% PRP	h	4.95

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
- Selector switch 115/230V
- Fuel Cock

PROTECTIONS STANDARD

- Thermal protection
- Oil Guard

SOCKET TYPE

2P+T CEE 115V 32A IP44	1
2P+T CEE 230V 16A IP44	1

