

ES5000 400V 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	400
Power factor	cos ϕ	0.8
Phase and connection		3

Power Rating

Standby power LTP	kVA	6.3
Standby power LTP	kW	5.0
Continuous power COP	kVA	5.4
Continuous power COP	kW	4.3

Single Phase Power Rating

Single phase standby power LTP	kVA	3.8
Single phase continuous power COP	kVA	3.5

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		Brushes
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage tolerance	%	1.5
Voltage regulation system		Electronic
Standard AVR		AVR 860

Dimensional data

Length	(L) mm	729
Width	(W) mm	500
Height	(H) mm	536
Dry weight	Kg	75
Fuel tank capacity	l	11

Autonomy

Fuel consumption @ 75% PRP	l/h	1.66
Fuel consumption @ 100% PRP	l/h	2.22
Running time @ 75% PRP	h	6.63
Running time @ 100% PRP	h	4.95

Noise level

Guaranteed noise level (LWA)	dB(A)	97
Noise pressure level @ 7 mt	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 16A IP44	1
3P+N+T CEE 400V 16A IP44	1

ACCESSORIES

TRANSPORTATION KIT

- With fix handles



- With folding handles

