ES5000 230V 50HZ #AVR HAU

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 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.

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Engine specifications		
Engine manufacturer		Honda
Model		GX270 Recoil
Engine cooling system		Air
Displacement	cm³	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	%	2
Voltage regulation system		Electronic
Standard AVR		AVR 520

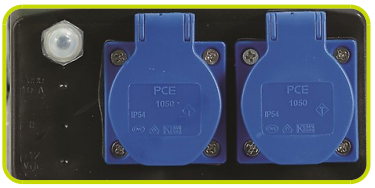
Dimensional data		
Length	(L) mm	729
Width	(W) mm	500
Height	(H) mm	536
Dry weight	Kg	61
Fuel tank capacity	l	11

Autonomy		
Fuel consumption @ 75% PRP	l/h	1.66
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 m	dB(A)	69

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GENSET CONTROL



COMMANDS:

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

PROTECTIONS STANDARD:

- Thermal protection
- Oil Guard

SOCKET TYPE

AS/NZS 3112 15A 250V	2

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ACCESSORIES

TRANSPORTATION KIT

- With fix handles



- With folding handles



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The information is aligned with the Data file at the time of download. Printed on 18/10/2020 (ID 9626)

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