ES4000 230V 50Hz

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		
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)
MAX - Maximum Power:
It is defined as the power given by multiplying the current and voltage that the generating set is capable of delivering for at least 5 min. Prescribed output voltage shall be within ±10 % of the rated voltage and prescribed output frequency shall be within ±8 % of the rated frequency.
COP - Continuos 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.

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Engine specifications		
Engine Brand		Honda
Model		GX200
Engine cooling system		Air
Displacement	cm^3	196
Aspiration		Natural
Operating Speed-Nominal	rpm	3000
Speed governor		Mechanical
Fuel		Petrol
Oil capacity	l	0.6
Starting system		Recoil



Alternator Specifications		
Alternator		NSM
Type		Brushless
Class		H
IP protection		23
Poles		2
Frequency	Hz	50
Voltage	V	230
Voltage regulation system		Capacitor
Voltage tolerance	%	+5; -10 (cosϕ1)

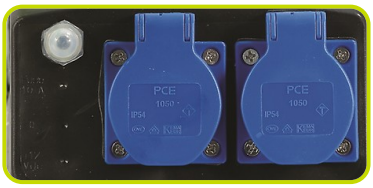
Dimensional data		
Length	(L) mm	623
Width	(W) mm	409
Height	(H) mm	500
Dry weight	kg	43
Fuel tank capacity	l	11

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

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GENSET CONTROL



COMMANDS:

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

PROTECTIONS STANDARD:

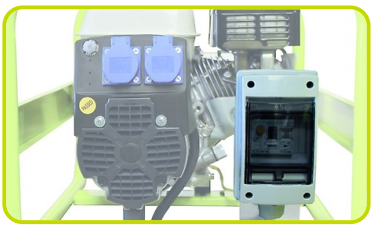
- Thermal protection
- Oil Guard

SOCKET TYPE

SCHUKO 230V 16A IP54	2

SUPPLEMENTS CONTROL (Available when ordered)

Electrical box DPP + HM



Extra Protection with:
- Differential protection 30mA
- Circuit breaker
- Hourmeter

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.
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