



ENERGY GENERATION

SP8000 IP54

THE COMPLETE PETROL PACKAGE



A robust generator with all the features of a top class product: a powerful and economic engine, a strong and modern design and a long-run easy filling fuel tank. Perfect for intensive use, it's equipped with a control panel which allows to integrate many accessories and options for better comfort and for optimal command. Ready to move where power is needed, and configured with a strong and compact frame with integrated handle and wheels, that allow to transport it easily. Panel and alternator featuring IP54.

Main Features

Frequency	Hz	50
Voltage	V	400
Power factor	cos ϕ	0.8
Phase and connection		3

Power Rating

Standby power LTP	kVA	8.8
Standby power LTP	kW	7.1
Continuous power COP	kVA	6.8
Continuous power COP	kW	5.4

Single Phase Power Rating

Single phase standby power LTP	kVA	5.8
Single phase continuous power COP	kVA	4.0

Ratings definition (According to standard ISO8528 1:2005)

Engine specifications

Engine manufacturer	Honda	
Model	GX390 Electric	
Engine cooling system	Air	
Displacement	cm ³	389
Aspiration	Natural	
Operating Speed-Nominal	rpm	3000
Speed governor	Mechanical	
Fuel	Petrol	
Oil capacity	l	1.1
Starting system	Electric	



Alternator Specifications

Type	Brushless	
Class	H	
Voltage regulation system	Electronic	
IP protection	54	
Poles	2	
Frequency	Hz	50

Dimensional data

Length	(L) mm	840
Width	(W) mm	615
Height	(H) mm	753
Dry weight	Kg	116
Fuel tank capacity	l	26.5

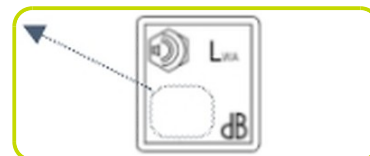


Autonomy

Fuel consumption @ 75% PRP	l/h	2.15
Fuel consumption @ 100% PRP	l/h	2.87
Running time @ 75% PRP	h	12.33
Running time @ 100% PRP	h	9.23

Noise level

Guaranteed noise level (LWA)	dB(A)	97
Noise pressure level @ 7 mt	dB(A)	69



Genset equipment

Innovative, compact design, equipped with components and special parts to meet professional applications:

Basic Structure:

- Tubular steel bearing and protective frame (roll bar)
- Lateral protective sheet steel covers (removable and with appropriate openings for an easier ordinary maintenance).



Fuel Tank:

- Increased tank capacity (standard autonomy much higher than average)
- Fuel level indicator (analog)
- Bayonet Fuel Filler Cap
- Pre-filter fuelling cup-shape
- Fuel tap (located on the frontal control panel)
- In-line fuel filter



Engine:

- Anti vibration properly sized mounts
- Starter battery incorporated in the structure
- Exhaust Residential muffler with spark arrestor protection
- Low oil level protection (oil guard)



Transportation:

- Integrated transport kit consisting of two solid rubber wheels and a non-slip rubber foldaway handle.
- 2 lifting points on the upper part of the frame.



Instructions:

- Practical quick user's instructions leaflet on the front panel – to make starting your generator even easier and safer – (ideal for rental)



Protections Complete:

- Panel and alternator featuring IP54 protection
- Insulations monitoring (IPP)
- Automatic Voltage Regulator (AVR)



GENSET CONTROL PANELS IP54 (IPP)

Mounted on the genset and complete of: instrumentation, control, protection of the generating set and sockets.

COMMANDS:

- Start selector switch with key: OFF - ON - START
- Pushbutton Choke

INSTRUMENTATION

- Voltmeter
- Hours-counter
- Frequency meter
- Fuel gauge

PROTECTIONS:

- Thermal Circuit Breaker
- Isometer Protection (IPP)
- Cover Power Switch (IP55)
- Oil Guard



SOCKET TYPE

SCHUKO 230V 16A IP54	2
3P+N+T CEE 400V 16A IP67	1

Printed on 30/03/2016 (ID 2476)

©2012 | PR INDUSTRIAL s.r.l. | All rights reserved | Image shown may not reflect actual package.
Specifications subject to change without notice | ENERGY GENERATION is registered trademarks of
PR INDUSTRIAL s.r.l. Other company, product or service names may be trademarks or service marks
of others. RevA (06/2012).

