

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.

Standard Equipment

Prewired for remote control (AMF / RSS)	CONN
Starting system	Electric

Main Features

Frequency	Hz	50
Voltage	V	230
Power factor	$\cos \phi$	0.9
Phase and connection		1

Power Rating

Standby power LTP	kVA	5.3
Standby power LTP	kW	4.8
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

Brand		Honda
Model		GX270 Electric
Engine cooling system		Air
Displacement	cm ³	270
Aspiration		Natural
Speed governor		Mechanical
Operating Speed-Nominal	rpm	3000
Oil capacity	L	1.1
Fuel		Gasoline
Starting system		Electric
Fuel consumption @ 75% PRP	L/h	1.64



Alternator Specifications

Class		H
IP protection		23
Poles		2

Dimensional data

Length	(L) mm	842
Width	(W) mm	523
Height	(H) mm	557
Dry weight	kg	68
Fuel tank capacity	L	18

Autonomy

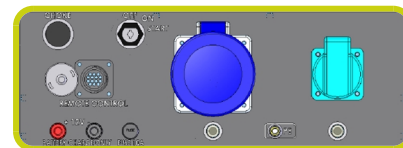
Running time @ 75% PRP	h	10.98
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Noise level

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

GENSET CONTROL PANELS (CONN)

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
- CONNector for AMF/RSS (Accessory available)

Protections:

- Thermal Circuit Breaker
- Oil Guard
- Fuse 10A (12V DC)

Output:

- Battery Charger 12V DC

SOCKET TYPE

SCHUKO 230V 16A IP54	1
2P+T CEE 230V 32A IP44	1

ACCESSORIES CONTROL PANEL**AMF - AUTOMATIC CONTROL PANEL (CONN)**

This accessory permits to control all the functions about a generator. It's built to monitor mono phase or three phase with neutral systems in alternate current; it permits to transfer the user's load on generator when the mains voltage is faulty. Conversely, as soon as AMF system detects the power grid, it stops the generator.

Equipment:

- Control and protection unit (DGT)
- Phase detector
- Contactor with interblock
- Battery charged
- Acoustic alarm
- 8 meters control wiring (with CONNector)
- External start stop capability
- Emergency stop button

Instrumentation (DGT):

- Mains voltage
- Genset voltage
- Frequency meter
- Hour meter

Alarm & Shutdowns:

- Generators voltage out of limits
- Battery Voltage out of limits
- Low oil Pressure
- Fail to start
- External shutdown

**RSS - REMOTE START / STOP (CONN)**

RSS Remote start/stop wireless with CONNector (max Distance 90m)



ACCESSORIES

TRANSPORTATION KIT

- With fix handles
- With folding handles



LIGHT TOWER

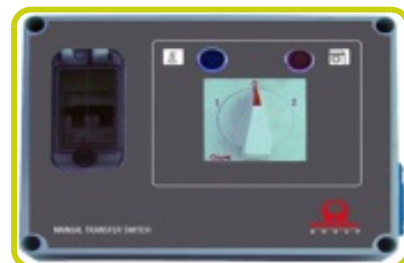
for portable generators (with tubular frames)

- Maximum Height 4.2m
- Elevations Pneumatic
- Quick open/close systems for legs
- Mast support and four lifting
- Lamp available Watt/Type:
 - n.4 X 500W Halogen (required power from generator: 2.5kVA 230V Single Phase)
 - n.4 X 1000W Halogen (required power from generator: 5,0kVA 230V Single Phase)



MTS- MANUAL TRANSFER SWITCH

- Manual transfer switch 40A (for manual control versions 230V)



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