

P12000 400V 50HZ #CONN

THE SILENT POWER



Low noise level, it is the ideal generator for use in residential areas or outside normal working hours. It's equipped with a reliable Diesel engine, first class components and complete instrumentation.

Main Features

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

Power Rating

Standby power LTP	kVA	15.8
Standby power LTP	kW	12.6
Continuous power COP	kVA	12.0
Continuous power COP	kW	9.6

Single Phase Power Rating

Single phase standby power LTP	kVA	5.2
Single phase continuous power COP	kVA	4.0

Ratings definition (According to standard ISO8528 1:2005)

Engine specifications

Engine manufacturer	Hatz	
Model	2G40	
Engine cooling system	Air	
Displacement	cm ³	997
Aspiration	Natural	
Operating Speed-Nominal	rpm	3000
Speed governor	Mechanical	
Fuel	Diesel	
Oil capacity	l	2.5
Starting system	Electric	
Electric circuit	V	12

Alternator Specifications

Class	H	
Voltage regulation system	Compound	
IP protection	23	
Poles	2	
Frequency	Hz	50

Dimensional data

Length	(L) mm	1297
Width	(W) mm	610
Height	(H) mm	816
Dry weight	Kg	275
Fuel tank capacity	l	17

Autonomy

Fuel consumption @ 75% PRP	l/h	2.74
Fuel consumption @ 100% PRP	l/h	3.66
Running time @ 75% PRP	h	6.20
Running time @ 100% PRP	h	4.64

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
- **CONN**ector for AMF/RSS (Accessory available)

INSTRUMENTATION

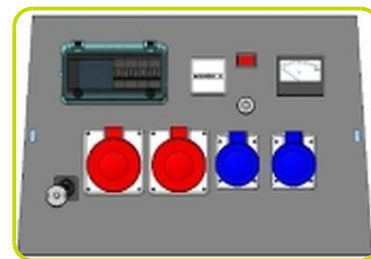
- Voltmeter
- Hour Merter
- Oil Pressure indicator

PROTECTIONS

- Magneto termal protection

SOCKET TYPE

2P+T CEE 230V 16A IP44	2
3P+N+T CEE 400V 16A IP44	2



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)



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