

# 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 $\phi$	0.8
Phase		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 <sup>3</sup>	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
IP protection		23
Poles		2
Frequency	Hz	50
Voltage regulation system		Compound

### 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	2.81
Fuel consumption @ 100% PRP	l/h	3.76
Running time @ 75% PRP	h	6.05
Running time @ 100% PRP	h	4.52

### Noise level

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

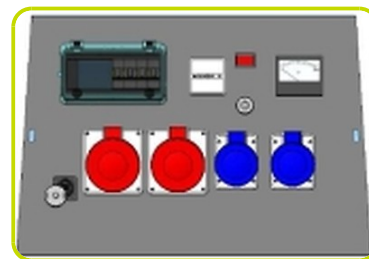
- Voltmeter
- Hour Merter
- Oil Pressure indicator

### 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)

