

## P12000 400V 50HZ #IPP

### 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 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	9.1
Single phase continuous power COP	kVA	8.5

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

### Dimensional data

Length	(L) mm	1270
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 (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
- Power Selector Delta Star

### INSTRUMENTATION

- Voltmeter
- Hour Meter
- Low oil pressure Alarm Lamp

### PROTECTIONS

- Circuit breaker
- Isometer protection (**IPP**)

### SOCKET TYPE

2P+T CEE 230V 16A IP44	1
2P+T CEE 230V 32A IP44	1
3P+N+T CEE 400V 16A IP44	1

