

## P12000 230-115V HUK #AVR

### 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 gasoline engine, first class components and complete instrumentation.

#### Main Features

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

#### Power Rating

Standby power LTP	kVA	11.9
Standby power LTP	kW	10.7
Continuous power COP	kVA	10.0
Continuous power COP	kW	9.1

#### 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

Engine manufacturer	Honda	
Model	GX630	
Engine cooling system	Air	
Displacement	cm <sup>3</sup>	688
Aspiration	Natural	
Operating Speed-Nominal	rpm	3000
Speed governor	Mechanical	
Fuel	Petrol	
Oil capacity	l	1.9
Starting system	Electric	

### Alternator Specifications

Class	H	
Voltage regulation system	AVR	
IP protection	23	
Poles	2	
Frequency	Hz	50
Standard AVR	ASR	

### Dimensional data

Length	(L) mm	990
Width	(W) mm	602
Height	(H) mm	826
Dry weight	Kg	188
Fuel tank capacity	l	24

### Autonomy

Fuel consumption @ 75% PRP	l/h	4.07
Fuel consumption @ 100% PRP	l/h	5.43
Running time @ 75% PRP	h	5.90
Running time @ 100% PRP	h	4.42

### Noise level

Guaranteed noise level (LWA)	dB(A)	89
Noise pressure level @ 7 mt	dB(A)	61



## GENSET CONTROL PANELS (HUK)



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
- Voltage switch 230/115V

### INSTRUMENTATION (DGT)

- Voltmeter
- Frequency meter
- Hour meter

### PROTECTIONS

- Circuit breaker
- Cover protection circuit breaker IP55

### SOCKET TYPE

2P+T CEE 115V 16A IP44	2
2P+T CEE 115V 32A IP44	1
2P+T CEE 230V 16A IP44	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)



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