

**AH-1230-CA - HONDA GX 630/ GASOLINE 3600 rpm | 60 Hz**

**SINGLE PHASE  
120 V**

## TECHNICALS SPECIFICATIONS



Image for guidance purposes.

Model:

# AH-1230

Gen set composed of engine and alternator perfectly assembled and fitted in a practical tubular chasis, that is adding great strenght and versatility.

**STANDBY POWER:**  
(LTP "Limited Time Power" norma ISO 8528-1) **12,3 kVA**

### Genset general characteristics

Standby power LTP (kVA)	12,3
Frequency (Hz)	60
R.p.m.	3600
Voltage (V)	120
(Cos ø)	1

## ENGINE CHARACTERISTICS

MAKE	MODEL
<b>HONDA</b>	<b>GX 630</b>
Mechanical effect power (kWm)	12
No. cylinders	2
Displacement (cm <sup>3</sup> )	688
Diameter x stroke (mm)	78x72
Compresion ratio	9,3:1
Cooling system	Air
Series regulator	Mechanical
Start	Automatic main failed
Fuel	Gasoline
Fuel tank capacity (L)	16
Fuel consumption 100% (L/h)	6
Oil tank capacity (L)	1,9

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## ALTERNATOR CHARACTERISTICS

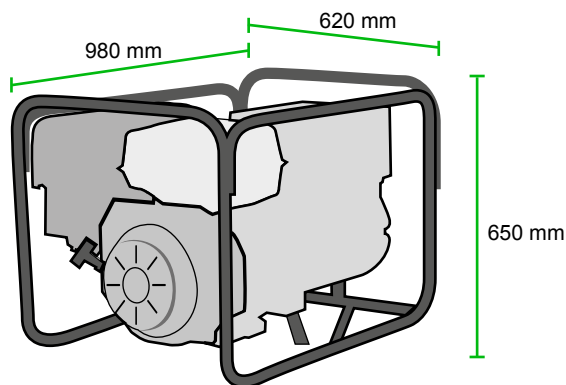
Voltage (V)	120
Frequency (Hz)	60
R.p.m.	3600
No. poles	2
Protection degree IP	21
Insulation	H

## SOCKETS DESCRIPTION:

Depending on the market demand (optional).

## DIMENSIONS AND WEIGHT

Lenght (mm)	980
Width (mm)	620
Height (mm)	650
Weight (kg)	130



## OPTIONAL

TRANSPORT KIT

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## **AUTOMATIC CONTROL PANEL WITH DSE LOAD TRANSFER SWITCH PANEL**

PROTECTION, DISTRIBUTION AND AUTOMATIC CONTROL panel which starts the generator set when it detects a mains failure and stops it when the mains is restored with the control unit DSE. It also starts and stops the group manually via a pushbutton or remote start-up by contact.



Images for guidance purposes.

It has the following:

**1** EMERGENCY STOP PUSHBUTTON

**2** PROTECTIONS

- Protection fuses for control module.

**3** BATTERY CHARGER

**4 DSE PROTECCION CONTROL MODULE.** It has a digital LCD screen, which provides easy reading of the information regarding the **ENGINE, ALTERNATOR** and **MAINS**.

**READINGS that can be made:**

**ENGINE:**

- Cooling temperature
- Oil pressure
- Turning speed (rpm)
- Fuel level
- Battery voltage
- Battery alternator voltage
- Operating hours
- Number of start-ups

**ALTERNATOR AND CHARGE:**

- Voltages between phase and neutral
- Frequency

**MAINS:**

- Frequency
- Voltages between phase and neutral (L-N)

**CONTROL of the set:**

- **STARTS** and **STOPS** the set when mains failure is detected and when it is restored, respectively
- It can also operate **MANUALLY** or **REMOTELY** via contact

**Protection of the engine and alternator, with the ALARMS activated:**

**ENGINE:**

- Low oil pressure
- Low and High battery Voltage.
- Failure of the alternator to charge batteries

**ALTERNATOR:**

- Low and High Voltage
- Low and High Frequency

**MAINS:**

- Low and High Voltage
- Low and High Frequency

**OTHER CHARACTERISTICS:**

- Configurable inputs and outputs.
- Configurable alarms and timers.
- USB connectivity
- Fully configurable via software and PC.
- Communication via USB cable for remote control
- Programmer Clock which starts and stops the set on a weekly basis for maintenance, etc..
- ALTERNATIVE CONFIGURATIONS, which open up the working possibilities

**5** **DISTRIBUTION :**

- Direct output of the magnetothermal switch.