25 Years
POWER SOLUTIONS INMESOL
1990 / 2015

AH-1600-CA - HONDA GX 630/ GASOLINE 3600 rpm | 60 Hz

TRIPHASE 220/127 V

TECHNICALS SPECIFICATIONS

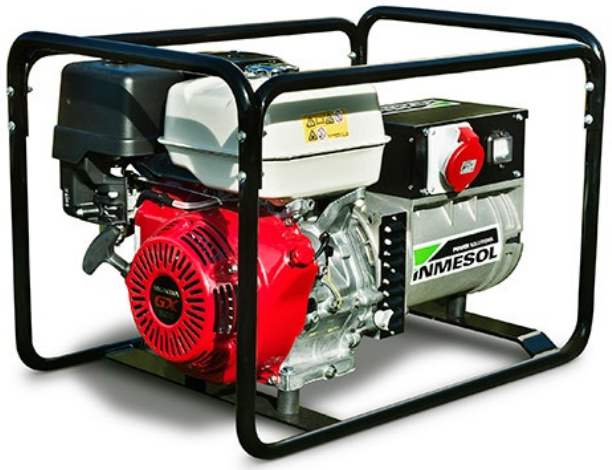

Image for guidance purposes.

Model:

AH-1600

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)	**16,2 kVA**

Genset general characteristics

Standby power LTP (kVA)	16,2
Frequency (Hz)	60
R.p.m.	3600
Voltage (V)	220/127
(Cos ø)	0.8

ENGINE CHARACTERISTICS

MAKE	MODEL
HONDA	GX 630

Mechanical effect power (kWm)	12
No. cylinders	2
Displacement (cm^3)	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 comsumption 100% (L/h)	6
Oil tank capacity (L)	1,9

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ALTERNATOR CHARACTERISTICS

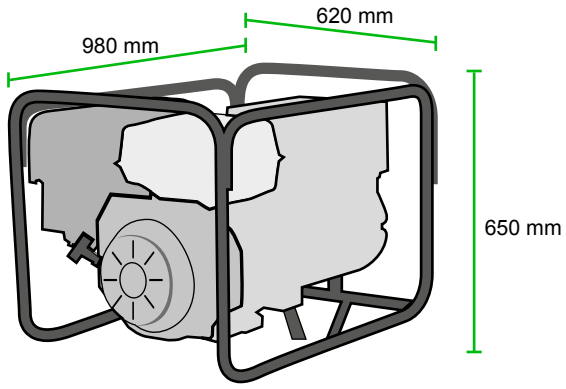
Voltage (V)	220127
Frequency (Hz)	60
R.p.m.	3600
No. poles	2
Protection degree IP	21
Insulation	H

SOCKETS DESCRIPTION:

Depending on the market demand (optional).

DIMENSIONS AND WEIGHT

Lenght (mm)	980
Width (mm)	620
Height (mm)	650
Weight (kg)	135



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

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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 phases and between phases and neutral.
- Frequency

MAINS:

- Frequency
- Voltages between phases and between phases and neutral (L1-N, L2-N, L3-N).
- Voltages between phases (L1-L2, L2-L3, L1-L3)

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

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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.

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