

COMBIPRO G7900HAC-M5 AVR

50Hz@3000RPM 400/230V 3PH

GENMAC
POWER PRODUCTS



General features



Picture for illustration purposes only

Compact, Silent, Resistant Generators.
Portable Generators among the quietest of its category thanks to side panels closure and oversized muffler.
Their robust and compact design with integrated "in shape" wheels and handle make them handy and easy to use.
In conformity with CE directives for quality, safety, Gas Emissions and noise.

Frame:

Epoxy powder coating in polyester, for outdoor use.

Robust wheels Ø 300mm with double reinforcement are integrated into the structure to avoid accidental bumps and to make the generator very compact.

Pull-out trolley handle, easy to use and "space saving".

Full-length support, anti-sinking.

Side closing panels, covered with polyester sound attenuating foam, 100% recyclable and washable, Class 1, fireproof, self-extinguishing.

25-liter tank, equipped with a large cap easy to unscrew even with work gloves, equipped with filter and fuel level instrument.

Manual fuel circuit Stopcock prevents fuel leakage.

Reduced vibration thanks to antivibration dampers mounted at 45°.

Muffler:

Muffler fit with spark arrestor.

Control Panel:

Frontal panel with back cover case which grants good protection and insulation against moisture.

Sockets protected by Circuit Breaker.

Engine:

HONDA OHV engine guarantees efficient combustion and low fuel consumption.

Low oil level protection with stop.

Alternator:

Alternator with Class H insulation.

Three-phase versions with Compound + AVR regulation (Optional)
A new generation of alternator which combines Compound + AVR regulation (Automatic Voltage Regulation):

- Great starting capacity (excellent for submersible pumps, electric motors, ups, inverter welding machines, concrete mixers etc.).

- Reinforced phase: no single-phase power loss on three-phase models, single-phase power is equal to 66% of three-phase power .

- Stabilized Voltage (+/- 1%) ideal to power electronic devices, computer etc.

Overall performance

G7900HAC-M5 AVR

PRP Continuous power kVA	7.0
PRP Continuous power kW	5.6
LTP Stand-by power kVA	7.7
LTP stand-by power kW	6.2
Power factor cos φ	0.8
Voltage VAC	400/230
Frequency Hz	50
Ampere PRP/LTP	10 / 11
Speed RPM	3000

Dimensions and noise level

Length mm	800
Width mm	640
Height mm	700
Net Weight kg	125
Gross Weight kg	132
Sound pressure at 7 mt dBA	69.00

Data reference

Standard reference conditions temperature 25°C, altitude 1-1000m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0.850 gr/lt. Power performance data as quoted can be obtained after the initial running-in period of the engine, during which one has to follow the instructions of the engine manufacturer as stated in the use and maintenance manual of the specific engine. The tolerance shown by the engine manufacturer is +/- 5%. Sound power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accessories can modify weight, dimensions, performance.P.R.P. Prime Power-Continuous power at variable load: The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer.L.T.P. Limited-time running power-Limited power: The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1.The number of hours per year is stated by the Manufacturer. Overload is not permitted.*For reasons of transport and/or storage, liquids (oil and antifreeze) and batteries might not be included in the delivery.

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Engine general data

Engine brand	Honda
Model	iGX390
PRP Power kW	6.40
LTP Power kW	7.04
Fuel	Petrol
Nr. cylinders	1
Air intake	Aspirated
Cooling	Air
Cubic capacity l.	0.39
Speed regulation	Electronic
Starting	Electric
Performance Class - steady state regulator accuracy +/- %	- - -
Load Step G1 - KWe	-
Load Step G2 - KWe	-
Load Step G3 - KWe	-
Voltage VDC	-
Emissions	Euro stage 5

Alternator general data

Alternator brand	Linz
Model	E1S10M I KE
Type of excitation	Self-excited
Type of regulation	AVR
Regulator precision +/-%	5.00

Structure data

Type of structure	COMBIPRO
Tank capacity l.	25
Retention basin	not
Exhaust diameter mm	30

Control panel features

QFPP-OS-PT25

No. 1 CEE 16A 400V
No. 1 CEE 16A 230V
No. 1 Schuko 16A 230V
Thermal Switch
Magnetothermal Switch
Digital Multifunction Instrument V+Hz+h
Analog Fuel Level Gauge
Emergency Stop Button
On/Off Switch
4PIN Connector for Remote Start / Automatic Panel
Low Oil Pressure Protection

Fuel consumption

Consumption 25% l./h	0.64
Consumption 50% l./h	1.29
Consumption 75% l./h	1.79
Consumption 100% l./h	2.15
Autonomy at 75% of load h.	≈ 14 h

Engine liquids and equipment

Type of lubricant	Oil SAE 15W40
Lubrication capacity l.*	1.10
Type of coolant	Air
Coolant capacity l.*	-
Air intake filter	Paper cartridge
Battery capacity Ah	-
Number of batteries*	-

Fuel system and energy balance

AC pump suction head kPa	-
Combustion air flow volume LTP m3/min	-
Cooling air capacity LTP m3/min	-
Exhaust gas flow-density LTP m3/min	-
Exhaust gas temperature LTP °C	-
Brake mean effective pressure kPa	-
Energy to exhaust LTP kWt	-
Energy to coolant LTP kWt	-
Energy to radiation LTP kWt	-



Dealer