

**60Hz@1800RPM 440/254V 3PH**



## Overall performance

PRP Continuous power kVA	<b>113</b>
PRP Continuous power kW	<b>90</b>
LTP Stand-by power kVA	<b>128</b>
LTP stand-by power kW	<b>102</b>
Power factor cos φip	<b>0.8</b>
Voltage VAC	<b>440/254</b>
Frequency Hz	<b>60</b>
Ampere PRP/LTP	<b>148 / 168</b>
Speed RPM	<b>1800</b>

Length mm	2250
Width mm	1020
Height mm	1521
Net Weight kg	1145
Gross Weight kg	-
Sound pressure at 7 mt dBA	-

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 g/Kl. 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.

## General features

Frame:

- Muffler:**

- Control Panel:

- All units and components are prototype tested, factory build and production tested. A specific control procedure during the several stages of production ensures long life and reliability.

# GAMMA-GAS GU130GO-NG

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**GENMAC**  
POWER PRODUCTS

## Engine general data

Engine brand	GM General Motors
Model	8.8L
PRP Power kW	109.20
LTP Power kW	121.30
Fuel	Natural gas
Nr. cylinders	8
Air intake	Aspirated
Cooling	Water
Cubic capacity l.	8.80
Speed regulation	Electronic
Performance Class - steady state regulator accuracy +/- %	- - -
Load Step G1 - KWe	-
Load Step G2 - KWe	-
Load Step G3 - KWe	-
Voltage VDC	12
Emissions	-

## Alternator general data

Alternator brand	Mecc-Alte
Model	ECP34-2S/4C
Type of excitation	Self-excited
Type of regulation	AVR
Regulator precision +/- %	1.00

## Structure data

Type of structure	GAMMA-GAS
Tank capacity l.	-
Retention basin	yes
Exhaust diameter mm	120

## Control panel features

### QT2A-4520

Self-standing tower with IP65 metal box  
Circuit breaker  
AMF controller DSE4520  
- Voltmeter, Frequncymeter, Ammeter  
- Generator power (kW, kV Ar, kV A & pf) monitoring  
- Hour meter  
- Fuel level meter  
- Overload (kW & kV Ar) protection  
- Low oil pressure protection  
- High coolant temperature protection  
- Low fuel level protection  
- Battery charger alternator fault  
- Rpm protection  
Emergency stop button  
Audible alarm  
Terminal board for ATS connection  
Can Bus reading Port (if standard on the engine)  
Battery charger  
On/off switch

## Fuel consumption

Consumo 25% m <sup>3</sup> /h	15.20
Consumo 50% m <sup>3</sup> /h	24.70
Consumo 75% m <sup>3</sup> /h	34.20
Consumo 100% m <sup>3</sup> /h	38.00
Autonomy at 75% of load h.	

## Engine liquids and equipment

Type of lubricant	Oil SAE 15W40
Lubrication capacity l.*	7.57
Type of coolant	Antifreeze liquid
Coolant capacity l.*	24.00
Air intake filter	Paper cartridge
Battery capacity Ah	100
Number of batteries*	1

## Fuel system and energy balance

Gas supply pressure (bar)	170
Combustion air flow volume LTP m3/min	7.10
Cooling air capacity LTP m3/min	-
Exhaust gas flow-density LTP m3/min	22.80
Exhaust gas temperature LTP °C	-
Brake mean effective pressure kPa	10.20
Energy to exhaust LTP kWt	-
Energy to coolant LTP kWt	73.60
Energy to radiation LTP kWt	-



Dealer