

ZEUS G1250BO

50Hz@1500RPM 400/230V 3PH

GENMAC
POWER PRODUCTS

 **Baudouin**  **STAMFORD**



Picture for illustration purposes only

Overall performance

G1250BO

PRP Continuous power kVA	1250
PRP Continuous power kW	1000
LTP Stand-by power kVA	1350
LTP stand-by power kW	1080
Power factor cos φ _{ip}	0.8
Voltage VAC	400/230
Frequency Hz	50
Ampere PRP/LTP	1806 / 1951
Speed RPM	1500

Dimensions and noise level

Length mm	4900
Width mm	2100
Height mm	2530
Net Weight kg	9100
Gross Weight kg	-
Sound pressure at 7 mt dBA	-

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/l. 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	Baudouin
Model	12M33G1400/5
PRP Power kW	1,100.00
LTP Power kW	1,210.00
Fuel	Diesel
Nr. cylinders	12
Air intake	Turbo intercooler
Cooling	Water
Cubic capacity l.	39.20
Speed regulation	Electronic
Starting	-
Performance Class - steady state regulator accuracy +/- %	G2 --
Load Step G1 - KWe	-
Load Step G2 - KWe	-
Load Step G3 - KWe	-
Voltage VDC	24
Emissions	-

Alternator general data

Alternator brand	Stamford
Model	S6L1D-G
Type of excitation	Separate excitation
Type of regulation	AVR
Regulator precision +/- %	1.00

Structure data

Type of structure	ZEUS
Tank capacity l.	400
Retention basin	yes
Exhaust diameter mm	-

Control panel features

QTVA-7320

Self-standing tower with metal box
 Circuit breaker
 AMF controller DSE7320
 - Voltmeter, Frequencymeter, 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
 RS232 & RS485 Port
 Can Bus reading Port (if standard on the engine)
 Battery charger
 On/off switch

Fuel consumption

Consumption 25% l./h	71.20
Consumption 50% l./h	129.20
Consumption 75% l./h	190.70
Consumption 100% l./h	258.60
Autonomy at 75% of load h.	≈ 2 h

Engine liquids and equipment

Type of lubricant	Oil SAE 15W40
Lubrication capacity l.*	160.00
Type of coolant	Antifreeze liquid
Coolant capacity l.*	240.00
Air intake filter	-
Battery capacity Ah	50 Ah Optima
Number of batteries*	4

Fuel system and energy balance

AC pump suction head kPa	-
Combustion air flow volume LTP m3/min	83.50
Cooling air capacity LTP m3/min	1,140.00
Exhaust gas flow-density LTP m3/min	237.00
Exhaust gas temperature LTP °C	550.00
Brake mean effective pressure kPa	7.50
Energy to exhaust LTP kWt	-
Energy to coolant LTP kWt	-
Energy to radiation LTP kWt	-



Dealer

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