BD 61 GX

GALAXY “GX”

For illustrative purposes only

ENGINE

Description	BAUDOUIN	
Engine model	4M10G4D0/S	
Cylinders	4	
RPM speed	1500	
Cubic capacity	4.09	l
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage		Vdc
Sae	3-11½	
BMEP	1566	kPa
Cooling	Water	
Flywheel P.R.P. Power net	69.4	kW
Flywheel E.P. Power net	77.4	kW
Fuel Cons. at 100% (E.P.)	21.3	l/h
Fuel Cons. at 100% (P.R.P)	18.8	l/h
Fuel Cons. at 75% (P.R.P.)	13.5	l/h
Fuel Cons. at 50% (P.R.P.)	9.1	l/h
Fuel Cons. at 25% (P.R.P.)	5.2	l/h
Electronic regulator	Standard	
Precision class	G2	
Oil quantity	13.0	l
Engine Antifreeze capacity	9.4	l
Radiator type	TR	
Heat from radiator	0.0	kW
Heat from exhaust	0.0	kW
Heat from radiation	0.0	kW
Exhaust temperature	570	°C
Cooling air flow	146.0	m³/min
Combustion air flow	4.8	m³/min
Exhaust gas flow	17.3	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

MAIN DATA

Continuous power (PRP)	**62.50**	kVA
Continuous power (PRP)	**50.00**	kW
Emergency power (E.P.)	**68.80**	kVA
Emergency power (E.P.)	**55.04**	kW
VAC - HZ - cos(fi)	**400 - 50 - 0.8**	

DIMENSIONS AND WEIGHT

Width	1050	mm
Length	2200	mm
Height	1760	mm
Weight	1370	kg

ALTERNATOR

Description	STAMFORD	
Alternator model	S1L2-Y	
P.R.P. Power	62.5	kVA
E.P. Power	68.8	kVA
Connection	Series star	
Phases	3FN	
Winding	711	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	VITA01	
Precision	0.5	± %

BASEFRAME

Model	GV030HD	
Standard tank	160	l
Optional tank	70	l
Oversized tank*	0	l

CANOPY & SILENCER

Canopy model	GV030	
Silencer model	MSR/a 50	
Silencer outlet diameter	60.0	mm

Standard reference conditions temperature 25°C, altitude 100m 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 0,850kg/l. 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. **E.P. - Emergency power:** This is the maximum power that a generating set can deliver for a limited number of hours per year while complying with the maintenance frequency stipulated under the environmental conditions set by the Manufacturer. The number of hours per year is determined by the engine manufacturer. The average power output over time must be lower than the percentages set by the engine manufacturer. Overloading is not allowed.