



# BD 650 GX

# TECHNICAL DATASHEET BD 650 GX



## GALAXY "GX"



For illustrative purposes only

## MAIN DATA

Continuous power (PRP)	<b>650.00</b>	kVA
Continuous power (PRP)	<b>520.00</b>	kW
Emergency power (E.P.)	<b>715.00</b>	kVA
Emergency power (E.P.)	<b>572.00</b>	kW
VAC - HZ - cos(fi)	<b>400 - 50 - 0.8</b>	
Sound pressure 7 m.	<b>77.0</b>	dBa

## DIMENSIONS AND WEIGHT

Width	1860	mm
Length	5520	mm
Height	2570	mm
Weight	6300	kg

## ALTERNATOR

Description	STAMFORD	
Alternator model	HC15F	
P.R.P. Power	670.0	kVA
E.P. Power	738.0	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %

## BASEFRAME

Model	GV201	
Standard tank	950	l
Optional tank	120	l
Oversized tank*	2500	l

## CANOPY & SILENCER

Canopy model	GV201/00/1	
Silencer model	MSR/a 150	
Silencer outlet diameter	168.0	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.

## ENGINE

Description	BAUDOUIIN	
Engine model	6M33G715/5	
Cylinders	6	
RPM speed	1500	
Cubic capacity	19.60	l
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage	Vdc	
Sae	1-14	
BMEP	2584	kPa
Cooling	Water	
Flywheel P.R.P. Power net	546.5	kW
Flywheel E.P. Power net	604.5	kW
Fuel Cons. at 100% (E.P.)	153.3	l/h
Fuel Cons. at 100% (P.R.P.)	136.3	l/h
Fuel Cons. at 75% (P.R.P.)	100.0	l/h
Fuel Cons. at 50% (P.R.P.)	67.1	l/h
Fuel Cons. at 25% (P.R.P.)	37.9	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	64.0	l
Engine Antifreeze capacity	43.9	l
Radiator type	TE	
Heat from radiator	0.0	kW
Heat from exhaust	0.0	kW
Heat from radiation	0.0	kW
Exhaust temperature	550	°C
Portata Raffreddamento	720.0	m <sup>3</sup> /min
Combustion air flow	44.0	m <sup>3</sup> /min
Exhaust gas flow	121.0	m <sup>3</sup> /min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.

