TECHNICAL DATASHEET V 500 GX



V 500 GX





GALAXY "GX"



MAIN DATA	
Continuous power (PRP)	510.00 kVA
Continuous power (PRP)	408.00 kW
Emergency power (E.P.)	560.00 kVA
Emergency power (E.P.)	448.00 kW
VAC - HZ - cos(fi)	416 - 60 - 0.8

DIMENSIONS AND WEIGHT

ENGINE Description **VOLVO-PENTA** Engine model TAD1346GE Cylinders 1800 RPM speed Cubic capacity 12.78 I Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 **BMEP** 0 kPa Cooling Water Flywheel P.R.P. Power net 436.0 kW Flywheel E.P. Power net 479.0 kW Fuel Cons. at 100% (E.P.) 116.7 l/h Fuel Cons. at 100% (P.R.P) 106.6 I/h Fuel Cons. at 75% (P.R.P.) 81.6 l/h Fuel Cons. at 50% (P.R.P.) 54.7 I/h Fuel Cons. at 25% (P.R.P.) 24.4 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 Engine Antifreeze capacity 48.0 TR Radiator type Heat from radiator 135.0 kW Heat from exhaust 316.0 kW Heat from radiation 23.0 kW Exhaust temperature °C 401 Cooling air flow 468.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 86.8 m³/min TA Luft Ν TA Luft/2 Ν EPA Ν 2 Stage

ALTERNATOR		
Description	STAMFORD	
Alternator model	S5L1D-C	
P.R.P. Power	525.0	kVA
E.P. Power	569.0	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %

BASEFRAME	
Model	GV151/00/00
Standard tank	800 I
Optional tank	0 1
Oversized tank*	1800 I

CANOPY & SILENCER		
Canopy model	GV151	
Silencer model	MSR/a 125	
Silencer outlet diameter	140.0	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.

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.