

V 590 GX





GALAXY "GX"



For	illusti	rative	purposes	only

Description VOLVO-PENTA Engine model TAD1642GE-B Cylinders 6 RPM speed 1500 Cubic capacity 16.12 I Air intake Turbocharged Standard voltage 24 Vdc Optional voltage 24 Vdc Optional voltage 24 Vdc Coling Water Flywheel P.R.P. Power net 503.0 kW Flywheel E.P. Power net 554.0 kW Fuel Cons. at 100% (E.P.) 134.4 I/h Fuel Cons. at 100% (P.R.P) 130.3 I/h Fuel Cons. at 55% (P.R.P.) 90.1 I/h Fuel Cons. at 55% (P.R.P.) 60.9 I/h Fuel Cons. at 55% (P.R.P.) 32.2 I/h Electronic regulator Standard Precision class G3 Oil quantity 48.0 I Engine Antifreeze capacity 33.0 I Radiator type TR Heat from radiator 112.0 kW Heat from radiator 18.0 kW Exhaust temperature 456 °C Portata Raffreddamento 444.0 m³/min Combustion air flow 94.4 m³/min TA Luft N Stage 22	ENGINE		
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Electronic regulatorStandardPrecision classG3Oil quantity48.0IEngine Antifreeze capacity33.0IRadiator typeTRTRHeat from radiator112.0kWHeat from exhaust379.0kWExhaust temperature456°CPortata Raffreddamento444.0m³/minCombustion air flow0.0m³/minExhaust gas flow94.4m³/minTA LuftNTA Luft/2NEPAN	Fuel Cons. at 50% (P.R.P.)	60.9	l/h
Precision class G3 Oil quantity 48.0 I Engine Antifreeze capacity 33.0 I Radiator type TR TR Heat from radiator 112.0 kW Heat from exhaust 379.0 kW Exhaust from radiation 18.0 kW Exhaust temperature 456 °C Portata Raffreddamento 444.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 94.4 m³/min TA Luft N TA Luft/2 EPA N N	Fuel Cons. at 25% (P.R.P.)	32.2	l/h
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Exhaust temperature 456 °C Portata Raffreddamento 444.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 94.4 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	379.0	kW
Portata Raffreddamento 444.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 94.4 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	18.0	kW
Combustion air flow 0.0 m³/min Exhaust gas flow 94.4 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	456	°C
Exhaust gas flow 94.4 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	444.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	0.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	94.4	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage 2	EPA	N	
	Stage	2	

MAIN DATA		
Continuous power (PRP)	591.00	kVA
Continuous power (PRP)	472.80	kW
Emergency power (E.P.)	651.00	kVA
Emergency power (E.P.)	520.80	kW
VAC - HZ - cos(fi)	220 - 60 - 0.8	
Sound pressure 7 m.	72.0	dBA

DIMENSIONS AND WEIG	нт
Width	1860 mm
Length	5020 mm
Height	2570 mm
Weight	5800 kg

ALTERNATOR	
Description	STAMFORD
Alternator model	HCI5E
P.R.P. Power	713.0 kVA
E.P. Power	769.0 kVA
Connection	Parallel star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1.0 ± %

BASEFRAME	
Model	GV201
Standard tank	950 I
Optional tank	120 I
Oversized tank*	2500 I

CANOPY & SILENCER		
Canopy model	GV201	
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.

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.