

F 301 GX





GALAXY "GX"



ENGINE Description FPT IVECO Engine model C87TE4 Cylinders 6 RPM speed 1800 Cubic capacity 8.70 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 336.0 kW Flywheel E.P. Power net 333.0 kW Fuel Cons. at 100% (E.P.) 84.0 l/h Fuel Cons. at 100% (E.P.) 78.1 l/h I/h Fuel Cons. at 50% (P.R.P.) 57.0 l/h I/h Fuel Cons. at 25% (P.R.P.) 39.8 l/h I/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h I/h Electronic regulator Standard IR Precision class G3 I Oil quantity			
Engine model C87TE4 Cylinders 6 RPM speed 1800 Cubic capacity 8.70 Air intake Turbocharged Standard voltage 24 Optional voltage Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 306.0 kW Flywheel E.P. Power net 333.0 kW Fuel Cons. at 100% (E.P.) 84.0 l/h Fuel Cons. at 100% (P.R.P) 78.1 l/h Fuel Cons. at 25% (P.R.P.) 57.0 l/h Fuel Cons. at 25% (P.R.P.) 39.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 39.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0<	ENGINE		
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Cubic capacity 8.70 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 306.0 kW Flywheel E.P. Power net 333.0 kW Fuel Cons. at 100% (E.P.) 84.0 l/h Fuel Cons. at 100% (P.R.P.) 78.1 l/h Fuel Cons. at 75% (P.R.P.) 57.0 l/h Fuel Cons. at 50% (P.R.P.) 39.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 28.0 Engine Antifreeze capacity 15.0 Radiator type TR Heat from radiator 214.6 kW Heat from radiation 48.4 kW Exhaust temperature 500 °C Portata Raffreddamento 423.0 m³/min Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min	Cylinders	6	
Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 306.0 kW Flywheel E.P. Power net 333.0 kW Fuel Cons. at 100% (E.P.) 84.0 l/h Fuel Cons. at 100% (P.R.P) 78.1 l/h Fuel Cons. at 75% (P.R.P.) 57.0 l/h Fuel Cons. at 50% (P.R.P.) 39.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 28.0 l Engine Antifreeze capacity 15.0 l Radiator type TR Heat from radiator 214.6 kW Heat from radiator 48.4 kW Exhaust temperature 500 °C Portata Raffreddamento 423.0 m³/min Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min TA Luft/2 N EPA N	RPM speed	1800	
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Optional voltage Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 306.0 kW Flywheel E.P. Power net 333.0 kW Fuel Cons. at 100% (E.P.) 84.0 l/h Fuel Cons. at 100% (P.R.P) 78.1 l/h Fuel Cons. at 75% (P.R.P.) 57.0 l/h Fuel Cons. at 50% (P.R.P.) 39.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 28.0 l Engine Antifreeze capacity 15.0 l Radiator type TR Heat from radiator 214.6 kW Heat from exhaust 274.1 kW Heat from radiation 48.4 kW Exhaust temperature 500 °C Portata Raffreddamento 423.0 m³/min Exhaust gas flow 61.3 m³/min TA Luft N EPA N	Air intake	Turbocharged	
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Fuel Cons. at 100% (P.R.P.) 78.1 I/h Fuel Cons. at 75% (P.R.P.) 57.0 I/h Fuel Cons. at 50% (P.R.P.) 39.8 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator Standard Precision class G3 Oil quantity 28.0 I Engine Antifreeze capacity 15.0 I Radiator type TR Heat from radiator 214.6 kW Heat from exhaust 274.1 kW Heat from radiation 48.4 kW Exhaust temperature 500 °C Portata Raffreddamento 423.0 m³/min Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel E.P. Power net	333.0	kW
Fuel Cons. at 75% (P.R.P.) 57.0 l/h Fuel Cons. at 50% (P.R.P.) 39.8 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 28.0 l Engine Antifreeze capacity 15.0 l Radiator type TR Heat from radiator 214.6 kW Heat from exhaust 274.1 kW Heat from radiation 48.4 kW Exhaust temperature 500 °C Portata Raffreddamento 423.0 m³/min Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (E.P.)	84.0	l/h
Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Exhaust temperature The type Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft TA Luft/2 EPA Standard Standard Fta Hold Radiator Standard Fta Hold Radiator ABA RW Exhaust temperature Fundamento ABA RW ABA RW	Fuel Cons. at 100% (P.R.P)	78.1	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class G3 Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Exhaust temperature Texhaust temperature Texhaust temperature Texhaust gas flow Texhaust gas flow Texhaust temperature Texhaust gas flow Te	Fuel Cons. at 75% (P.R.P.)	57.0	l/h
Electronic regulator Precision class G3 Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA San G3 OI Q28.0 I E7.0 I R.0 A.0 I A.	Fuel Cons. at 50% (P.R.P.)	39.8	l/h
Precision class Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust TA Luft TA Luft Precision class G3 G3 G3 G3 C3 C4 C5 C5 C7 C7 C7 C8 C8 C9 C9 C9 C9 C9 C9 C9 C9	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Tan the trom radiation Exhaust temperature Tan the trom radiation Exhaust temperature Tan the trom radiation Tan the	Electronic regulator	Standard	
Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Tauth Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA In 15.0 I 18.0 I 18.0	Precision class	G3	
Radiator type TR Heat from radiator Heat from exhaust 274.1 kW Heat from radiation 48.4 kW Exhaust temperature 500 °C Portata Raffreddamento 423.0 m³/min Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min TA Luft N TA Luft/2 EPA N	Oil quantity	28.0	I
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Heat from exhaust 274.1 kW Heat from radiation 48.4 kW Exhaust temperature 500 °C Portata Raffreddamento 423.0 m³/min Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TR	
Heat from radiation 48.4 kW Exhaust temperature 500 °C Portata Raffreddamento 423.0 m³/min Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	214.6	kW
Exhaust temperature 500 °C Portata Raffreddamento 423.0 m³/min Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	274.1	kW
Portata Raffreddamento 423.0 m³/min Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	48.4	kW
Combustion air flow 22.6 m³/min Exhaust gas flow 61.3 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	500	°C
Exhaust gas flow 61.3 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	423.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	22.6	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	61.3	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
	Stage	N	

MAIN DATA		
Continuous power (PRP)	355.00	kVA
Continuous power (PRP)	284.00	kW
Emergency power (E.P.)	385.00	kVA
Emergency power (E.P.)	308.00	kW
VAC - HZ - cos(fi)	220 - 60 - 0.8	
Sound pressure 7 m.	76.0	dBA

DIMENSIONS AND WEIGHT		
Width	1350	mm
Length	4270	mm
Height	2370	mm
Weight	3650	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S4L1D-E
P.R.P. Power	435.0 kVA
E.P. Power	470.0 kVA
Connection	Parallel star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1.0 ± %

BASEFRAME	
Model	GV121
Standard tank	500 I
Optional tank	0 1
Oversized tank*	0

CANOPY & SILENCER		
Canopy model	GV121/00/1	
Silencer model	MSR/a 100	
Silencer outlet diameter	114.0 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.