

## F 301 GX





## **GALAXY "GX"**



For illi	istrative	e purposes	only

Entition         FPT IVECO           Engine model         C87TE4           Cylinders         6           RPM speed         1500           Cubic capacity         8.70           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         0         kPa           Cooling         Water         WW         Flywheel P.R.P. Power net         275.0         kW           Flywheel E.P. Power net         299.0         kW         Fuel Cons. at 100% (E.P.)         72.4         I/h           Fuel Cons. at 100% (P.R.P.)         66.6         I/h	ENGINE		
Engine model C87TE4  Cylinders 6 RPM speed 1500  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 275.0 kW  Flywheel E.P. Power net 299.0 kW  Fuel Cons. at 100% (E.P.) 72.4 l/h  Fuel Cons. at 100% (P.R.P) 66.6 l/h  Fuel Cons. at 25% (P.R.P.) 37.3 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 202.0 kW  Heat from radiator 202.0 kW  Heat from radiator 202.0 kW  Heat from radiator 203.0 kW  Exhaust temperature 488 °C  Portata Raffreddamento 340.0 m³/min  Combustion air flow 18.1 m³/min  Exhaust gas flow 49.4 m³/min  TA Luft N  TA Luft/2 N		EDT IVECO	
Cylinders         6           RPM speed         1500           Cubic capacity         8.70           Air intake         Turbocharged           Standard voltage         24           Vdc         Optional voltage         Vdc           Sae         1-14         BMEP           Cooling         Water         Water           Flywheel P.R.P. Power net         275.0         kW           Flywheel E.P. Power net         299.0         kW           Fuel Cons. at 100% (E.P.)         72.4         l/h           Fuel Cons. at 100% (P.R.P)         66.6         l/h           Fuel Cons. at 55% (P.R.P.)         37.3         l/h           Fuel Cons. at 50% (P.R.P.)         37.3         l/h           Fuel Cons. at 55% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)	•		
RPM speed         1500           Cubic capacity         8.70         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         275.0 kW           Flywheel E.P. Power net         299.0 kW         Fuel Cons. at 100% (E.P.)         72.4 l/h         I/h           Fuel Cons. at 100% (P.R.P.)         66.6 l/h         I/h         Fuel Cons. at 75% (P.R.P.)         49.3 l/h         I/h           Fuel Cons. at 50% (P.R.P.)              37.3 l/h         I/h         Fuel Cons. at 25% (P.R.P.)         0.0 l/h         I/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h         I/h			
Cubic capacity         8.70 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         275.0 kW           Flywheel E.P. Power net         299.0 kW           Fuel Cons. at 100% (E.P.)         72.4 l/h           Fuel Cons. at 100% (P.R.P)         66.6 l/h           Fuel Cons. at 75% (P.R.P.)         49.3 l/h           Fuel Cons. at 50% (P.R.P.)         37.3 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         202.0 kW           Heat from exhaust         238.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow	,	-	
Air intake         Turbocharged           Standard voltage         24 Vdc           Optional voltage         Vdc           Sae         1-14           BMEP         0 kPa           Cooling         Water           Flywheel P.R.P. Power net         275.0 kW           Flywheel E.P. Power net         299.0 kW           Fuel Cons. at 100% (E.P.)         72.4 l/h           Fuel Cons. at 100% (P.R.P)         66.6 l/h           Fuel Cons. at 75% (P.R.P.)         49.3 l/h           Fuel Cons. at 50% (P.R.P.)         37.3 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         202.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow         49.4 m³/min           TA Luft/2         N           EPA         N	RPM speed		
Standard voltage         24 Vdc           Optional voltage         Vdc           Sae         1-14           BMEP         0 kPa           Cooling         Water           Flywheel P.R.P. Power net         275.0 kW           Flywheel E.P. Power net         299.0 kW           Fuel Cons. at 100% (E.P.)         72.4 l/h           Fuel Cons. at 100% (P.R.P)         66.6 l/h           Fuel Cons. at 75% (P.R.P.)         37.3 l/h           Fuel Cons. at 50% (P.R.P.)         37.3 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Flectronic regulator         Standard           Precision class         G3           Oil quantity         28.0 l           Engine Antifreeze capacity         15.0 l           Radiator type         TR           Heat from radiator         202.0 kW           Heat from exhaust         238.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow         49.4 m³/min           TA Luft/2         N           EPA         N </td <td>Cubic capacity</td> <td>8.70</td> <td>I</td>	Cubic capacity	8.70	I
Optional voltage         Vdc           Sae         1-14           BMEP         0 kPa           Cooling         Water           Flywheel P.R.P. Power net         275.0 kW           Flywheel E.P. Power net         299.0 kW           Fuel Cons. at 100% (E.P.)         72.4 l/h           Fuel Cons. at 100% (P.R.P)         66.6 l/h           Fuel Cons. at 75% (P.R.P.)         49.3 l/h           Fuel Cons. at 50% (P.R.P.)         37.3 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         202.0 kW           Heat from exhaust         238.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow         49.4 m³/min           TA Luft/2         N           EPA         N	Air intake	Turbocharged	
Sae         1-14           BMEP         0 kPa           Cooling         Water           Flywheel P.R.P. Power net         275.0 kW           Flywheel E.P. Power net         299.0 kW           Fuel Cons. at 100% (E.P.)         72.4 l/h           Fuel Cons. at 100% (P.R.P)         66.6 l/h           Fuel Cons. at 75% (P.R.P.)         49.3 l/h           Fuel Cons. at 50% (P.R.P.)         37.3 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         202.0 kW           Heat from exhaust         238.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow         49.4 m³/min           TA Luft         N           EPA         N	Standard voltage	24	Vdc
BMEP         0 kPa           Cooling         Water           Flywheel P.R.P. Power net         275.0 kW           Flywheel E.P. Power net         299.0 kW           Fuel Cons. at 100% (E.P.)         72.4 l/h           Fuel Cons. at 100% (P.R.P)         66.6 l/h           Fuel Cons. at 55% (P.R.P.)         49.3 l/h           Fuel Cons. at 55% (P.R.P.)         37.3 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         202.0 kW           Heat from exhaust         238.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow         49.4 m³/min           TA Luft         N           EPA         N	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         275.0 kW           Flywheel E.P. Power net         299.0 kW           Fuel Cons. at 100% (E.P.)         72.4 l/h           Fuel Cons. at 100% (P.R.P)         66.6 l/h           Fuel Cons. at 75% (P.R.P.)         49.3 l/h           Fuel Cons. at 50% (P.R.P.)         37.3 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         202.0 kW           Heat from exhaust         238.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow         49.4 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Sae	1-14	
Flywheel P.R.P. Power net         275.0 kW           Flywheel E.P. Power net         299.0 kW           Fuel Cons. at 100% (E.P.)         72.4 l/h           Fuel Cons. at 100% (P.R.P)         66.6 l/h           Fuel Cons. at 75% (P.R.P.)         49.3 l/h           Fuel Cons. at 50% (P.R.P.)         37.3 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         202.0 kW           Heat from exhaust         238.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow         49.4 m³/min           TA Luft         N           EPA         N	BMEP	0	kPa
Flywheel E.P. Power net         299.0 kW           Fuel Cons. at 100% (E.P.)         72.4 l/h           Fuel Cons. at 100% (P.R.P)         66.6 l/h           Fuel Cons. at 75% (P.R.P.)         49.3 l/h           Fuel Cons. at 50% (P.R.P.)         37.3 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Flectronic regulator         Standard           Precision class         G3           Oil quantity         28.0 l           Engine Antifreeze capacity         15.0 l           Radiator type         TR           Heat from radiator         202.0 kW           Heat from exhaust         238.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow         49.4 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Cooling	Water	
Fuel Cons. at 100% (E.P.)       72.4 I/h         Fuel Cons. at 100% (P.R.P)       66.6 I/h         Fuel Cons. at 75% (P.R.P.)       49.3 I/h         Fuel Cons. at 50% (P.R.P.)       37.3 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       202.0 kW         Heat from exhaust       238.0 kW         Heat from radiation       25.0 kW         Exhaust temperature       488 °C         Portata Raffreddamento       340.0 m³/min         Combustion air flow       18.1 m³/min         Exhaust gas flow       49.4 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel P.R.P. Power net	275.0	kW
Fuel Cons. at 100% (P.R.P)       66.6 l/h         Fuel Cons. at 75% (P.R.P.)       49.3 l/h         Fuel Cons. at 50% (P.R.P.)       37.3 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       202.0 kW         Heat from exhaust       238.0 kW         Heat from radiation       25.0 kW         Exhaust temperature       488 °C         Portata Raffreddamento       340.0 m³/min         Combustion air flow       18.1 m³/min         Exhaust gas flow       49.4 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel E.P. Power net	299.0	kW
Fuel Cons. at 75% (P.R.P.)       49.3 I/h         Fuel Cons. at 50% (P.R.P.)       37.3 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       202.0 kW         Heat from exhaust       238.0 kW         Heat from radiation       25.0 kW         Exhaust temperature       488 °C         Portata Raffreddamento       340.0 m³/min         Combustion air flow       18.1 m³/min         Exhaust gas flow       49.4 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Fuel Cons. at 100% (E.P.)	72.4	l/h
Fuel Cons. at 50% (P.R.P.)         37.3 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         202.0 kW           Heat from exhaust         238.0 kW           Heat from radiation         25.0 kW           Exhaust temperature         488 °C           Portata Raffreddamento         340.0 m³/min           Combustion air flow         18.1 m³/min           Exhaust gas flow         49.4 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 100% (P.R.P)	66.6	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  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft  TA Luft/2  EPA  SG  G3  Oil yh  Estandard  Standard  Standard  Standard  Fa  V  A  B  C  A  Standard  Standard  Standard  Standard  Standard  Standard  Standard  Standard  A  B  C  A  B  A  B  C  A  B  A  B  C  C  B  C  B  C  C  C  C  C  C  C	Fuel Cons. at 75% (P.R.P.)	49.3	l/h
Electronic regulator  Precision class G3 Oil quantity Engine Antifreeze capacity 15.0 I Radiator type TR Heat from radiator Heat from exhaust Exhaust temperature Portata Raffreddamento Combustion air flow TA Luft TA Luft TA Luft/2 EPA Solution  G3  Standard Standard  Standard  Standard  Standard  Fall  Standard  A88 C  B48.0  IN  Exhaust type TR  TA Luft  Standard  A88  C  A88.0  EXH  A88 C  C  A88.0  A88.0  A94.0  A94.0  A94.0  A94.0  A95.0  A95.0  A96.0  A97.0  A97	Fuel Cons. at 50% (P.R.P.)	37.3	l/h
Precision class  Oil quantity  Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Exhaust temperature  Portata Raffreddamento  TA Luft  TA Luft  TA Luft/2  EPA  Solution  Gas  Gas  Gas  Gas  Gas  Gas  Fall  Fall	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  Exhaust temperature  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft  TA Luft/2  EPA  Isomorphism  15.0 I  RR  TR  HR  TS  TA Luft  TS  TA Luft  TA Luft/2  EPA  ISOmorphism  TS  TS  TR  TA Luft  TS  TA Luft  TA Luft  TA Luft/2  EPA  IN  TA Luft  TA	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Exhaust temperature  Portata Raffreddamento  Combustion air flow  TA Luft  TA Luft/2  EPA  TR  15.0 I  TR  TR  Heat from Antifreeze capacity  TR  Heat from radiator  202.0 kW  238.0 kW  Exhaust temperature  488 °C  Portata Raffreddamento  340.0 m³/min  TA Luft  N  TA Luft  N  TA Luft/2  EPA  N	Precision class	G3	
Radiator type  Heat from radiator  Heat from exhaust  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  TR  TR  TR  TR  TR  TR  TR  TR  TR  T	Oil quantity	28.0	I
Heat from radiator  Heat from exhaust  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  RW  488 °C  488 °C  340.0 m³/min  18.1 m³/min  49.4 m³/min  N  TA Luft  N  N	Engine Antifreeze capacity	15.0	I
Heat from exhaust 238.0 kW  Heat from radiation 25.0 kW  Exhaust temperature 488 °C  Portata Raffreddamento 340.0 m³/min  Combustion air flow 18.1 m³/min  Exhaust gas flow 49.4 m³/min  TA Luft N  TA Luft/2 N  EPA N	Radiator type	TR	
Heat from radiation 25.0 kW  Exhaust temperature 488 °C  Portata Raffreddamento 340.0 m³/min  Combustion air flow 18.1 m³/min  Exhaust gas flow 49.4 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiator	202.0	kW
Exhaust temperature 488 °C  Portata Raffreddamento 340.0 m³/min  Combustion air flow 18.1 m³/min  Exhaust gas flow 49.4 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from exhaust	238.0	kW
Portata Raffreddamento 340.0 m³/min  Combustion air flow 18.1 m³/min  Exhaust gas flow 49.4 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiation	25.0	kW
Combustion air flow 18.1 m³/min  Exhaust gas flow 49.4 m³/min  TA Luft N  TA Luft/2 N  EPA N	Exhaust temperature	488	°C
Exhaust gas flow 49.4 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	340.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	18.1	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	49.4	m³/min
EPA N	TA Luft	N	
EPA N	TA Luft/2	N	
Stage N	EPA	N	
	Stage	N	

MAIN DATA	
Continuous power (PRP)	<b>300.00</b> kVA
Continuous power (PRP)	<b>240.00</b> kW
Emergency power (E.P.)	<b>330.00</b> kVA
Emergency power (E.P.)	<b>264.00</b> kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	<b>72.0</b> dBA

DIMENSIONS AND WEIGHT		
Width	1350	mm
Length	4270	mm
Height	2370	mm
Weight	3350	kg

ALTERNATOR		
Description	MECC ALTE	
Alternator model	ECO38-2LN/4	
P.R.P. Power	300.0	kVA
E.P. Power	330.0	kVA
Connection	Series star	
Phases	3FN	
Winding	12STD	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	DSR	
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.