

## F 303 GX





## **GALAXY "GX"**



ENGINE           Description         FPT IVECO           Engine model         C87TE1PV           Cylinders         6           RPM speed         1800           Cubic capacity         8.70           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         2360         kPa           Cooling         Water         Flywheel P.R.P. Power net         290.0         kW           Flywheel E.P. Power net         320.0         kW           Fuel Cons. at 100% (E.P.)         81.5         I/h           Fuel Cons. at 100% (P.R.P)         73.4         I/h           Fuel Cons. at 55% (P.R.P.)         59.8         I/h           Fuel Cons. at 25% (P.R.P.)         37.8         I/h           Fuel Cons. at 25% (P.R.P.)         0.0         I/h           Fuel Cons. at 25% (P.R.P.)         0.0<			
Engine model         C87TE1PV           Cylinders         6           RPM speed         1800           Cubic capacity         8.70           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         Vdc           BMEP         2360         kPa           Cooling         Water         Vdc           Flywheel P.R.P. Power net         290.0         kW           Flywheel E.P. Power net         320.0         kW           Fuel Cons. at 100% (E.P.)         81.5         Vh           Fuel Cons. at 100% (P.R.P)         73.4         I/h           Fuel Cons. at 55% (P.R.P.)         37.8         I/h           Fuel Cons. at 25% (P.R.P.)         37.8         I/h <td>ENGINE</td> <td></td> <td></td>	ENGINE		
Cylinders         6           RPM speed         1800           Cubic capacity         8.70         I           Air intake         Turbocharged         Vdc           Standard voltage         24         Vdc           Optional voltage         Vdc         Vdc           Sae         1-14         BMEP         2360         kPa           Cooling         Water         WW         Flywheel P.R.P. Power net         290.0         kW           Flywheel E.P. Power net         320.0         kW         Fuel Cons. at 100% (E.P.)         81.5         I/h           Fuel Cons. at 100% (P.R.P)         73.4         I/h         I/h         Fuel Cons. at 55% (P.R.P.)         59.8         I/h           Fuel Cons. at 55% (P.R.P.)         37.8         I/h         I/h <td>Description</td> <td>FPT IVECO</td> <td></td>	Description	FPT IVECO	
RPM speed         1800           Cubic capacity         8.70         I           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         2360         kPa           Cooling         Water         Flywheel P.R.P. Power net         290.0         kW           Flywheel E.P. Power net         320.0         kW           Flywheel E.P. Power net         320.0         kW           Fuel Cons. at 100% (E.P.)         81.5         I/h           Fuel Cons. at 100% (P.R.P.)         73.4         I/h           Fuel Cons. at 50% (P.R.P.)         59.8         I/h           Fuel Cons. at 25% (P.R.P.)         37.8         I/h           Fuel Cons. at 25% (P.R.P.)         0.0         I/h	Engine model	C87TE1PV	
Cubic capacity         8.70         I           Air intake         Turbocharged         Standard voltage         Vdc           Optional voltage         Vdc         Vdc           Sae         1-14         BMEP         2360         kPa           Cooling         Water         Flywheel P.R.P. Power net         290.0         kW           Flywheel E.P. Power net         320.0         kW           Fuel Cons. at 100% (E.P.)         81.5         I/h           Fuel Cons. at 200% (P.R.P.)         73.4         I/h           Fuel Cons. at 75% (P.R.P.)         59.8         I/h           Fuel Cons. at 50% (P.R.P.)         37.8         I/h           Fuel Cons. at 25% (P.R.P.)         0.0         I/h           Flectronic regulator         Standard           Precision class         G3         0           Oil quantity         28.0         I           Engine Antifreeze capacity         15.0         I           Radiator type         TR         Heat from radiator         195.0         kW           Heat from radiation         44.0         kW           Exhaust temperature         500         °C           Portata Raffreddamento         390.0         m³/min     <	Cylinders	6	
Air intake         Turbocharged           Standard voltage         24 Vdc           Optional voltage         Vdc           Sae         1-14           BMEP         2360 kPa           Cooling         Water           Flywheel P.R.P. Power net         290.0 kW           Flywheel E.P. Power net         320.0 kW           Fuel Cons. at 100% (E.P.)         81.5 l/h           Fuel Cons. at 100% (P.R.P)         73.4 l/h           Fuel Cons. at 75% (P.R.P.)         59.8 l/h           Fuel Cons. at 50% (P.R.P.)         37.8 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         195.0 kW           Heat from radiation         44.0 kW           Exhaust temperature         500 °C           Portata Raffreddamento         390.0 m³/min           Combustion air flow         22.6 m³/min           Exhaust gas flow         54.3 m³/min           TA Luft/2         N           EPA         N </td <td>RPM speed</td> <td>1800</td> <td></td>	RPM speed	1800	
Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         1-14         BMEP         2360         kPa           Cooling         Water         Flywheel P.R.P. Power net         290.0         kW           Flywheel E.P. Power net         320.0         kW           Fuel Cons. at 100% (E.P.)         81.5         I/h           Fuel Cons. at 100% (P.R.P)         73.4         I/h           Fuel Cons. at 75% (P.R.P.)         59.8         I/h           Fuel Cons. at 50% (P.R.P.)         37.8         I/h           Fuel Cons. at 25% (P.R.P.)         0.0         I/h <td< td=""><td>Cubic capacity</td><td>8.70</td><td>I</td></td<>	Cubic capacity	8.70	I
Optional voltage         Vdc           Sae         1-14           BMEP         2360 kPa           Cooling         Water           Flywheel P.R.P. Power net         290.0 kW           Flywheel E.P. Power net         320.0 kW           Fuel Cons. at 100% (E.P.)         81.5 l/h           Fuel Cons. at 100% (P.R.P)         73.4 l/h           Fuel Cons. at 75% (P.R.P.)         59.8 l/h           Fuel Cons. at 50% (P.R.P.)         37.8 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         195.0 kW           Heat from exhaust         245.0 kW           Heat from radiation         44.0 kW           Exhaust temperature         500 °C           Portata Raffreddamento         390.0 m³/min           Exhaust gas flow         54.3 m³/min           TA Luft         N           EPA         N	Air intake	Turbocharged	
Sae       1-14         BMEP       2360 kPa         Cooling       Water         Flywheel P.R.P. Power net       290.0 kW         Flywheel E.P. Power net       320.0 kW         Fuel Cons. at 100% (E.P.)       81.5 l/h         Fuel Cons. at 100% (P.R.P)       73.4 l/h         Fuel Cons. at 75% (P.R.P.)       59.8 l/h         Fuel Cons. at 50% (P.R.P.)       37.8 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       195.0 kW         Heat from exhaust       245.0 kW         Heat from radiation       44.0 kW         Exhaust temperature       500 °C         Portata Raffreddamento       390.0 m³/min         Combustion air flow       22.6 m³/min         Exhaust gas flow       54.3 m³/min         TA Luft/2       N         EPA       N	Standard voltage	24	Vdc
BMEP         2360 kPa           Cooling         Water           Flywheel P.R.P. Power net         290.0 kW           Flywheel E.P. Power net         320.0 kW           Fuel Cons. at 100% (E.P.)         81.5 l/h           Fuel Cons. at 100% (P.R.P)         73.4 l/h           Fuel Cons. at 55% (P.R.P.)         59.8 l/h           Fuel Cons. at 55% (P.R.P.)         37.8 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         195.0 kW           Heat from exhaust         245.0 kW           Heat from radiation         44.0 kW           Exhaust temperature         500 °C           Portata Raffreddamento         390.0 m³/min           Combustion air flow         22.6 m³/min           Exhaust gas flow         54.3 m³/min           TA Luft/2         N           EPA         N	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         290.0 kW           Flywheel E.P. Power net         320.0 kW           Fuel Cons. at 100% (E.P.)         81.5 l/h           Fuel Cons. at 100% (P.R.P)         73.4 l/h           Fuel Cons. at 75% (P.R.P.)         59.8 l/h           Fuel Cons. at 50% (P.R.P.)         37.8 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         195.0 kW           Heat from exhaust         245.0 kW           Heat from radiation         44.0 kW           Exhaust temperature         500 °C           Portata Raffreddamento         390.0 m³/min           Combustion air flow         22.6 m³/min           Exhaust gas flow         54.3 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Sae	1-14	
Flywheel P.R.P. Power net         290.0 kW           Flywheel E.P. Power net         320.0 kW           Fuel Cons. at 100% (E.P.)         81.5 l/h           Fuel Cons. at 100% (P.R.P)         73.4 l/h           Fuel Cons. at 75% (P.R.P.)         59.8 l/h           Fuel Cons. at 50% (P.R.P.)         37.8 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         195.0 kW           Heat from exhaust         245.0 kW           Heat from radiation         44.0 kW           Exhaust temperature         500 °C           Portata Raffreddamento         390.0 m³/min           Combustion air flow         22.6 m³/min           Exhaust gas flow         54.3 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	BMEP	2360	kPa
Flywheel E.P. Power net         320.0 kW           Fuel Cons. at 100% (E.P.)         81.5 l/h           Fuel Cons. at 100% (P.R.P)         73.4 l/h           Fuel Cons. at 75% (P.R.P.)         59.8 l/h           Fuel Cons. at 50% (P.R.P.)         37.8 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         195.0 kW           Heat from exhaust         245.0 kW           Heat from radiation         44.0 kW           Exhaust temperature         500 °C           Portata Raffreddamento         390.0 m³/min           Combustion air flow         22.6 m³/min           Exhaust gas flow         54.3 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Cooling	Water	
Fuel Cons. at 100% (E.P.)       81.5 I/h         Fuel Cons. at 100% (P.R.P)       73.4 I/h         Fuel Cons. at 75% (P.R.P.)       59.8 I/h         Fuel Cons. at 50% (P.R.P.)       37.8 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       195.0 kW         Heat from exhaust       245.0 kW         Heat from radiation       44.0 kW         Exhaust temperature       500 °C         Portata Raffreddamento       390.0 m³/min         Combustion air flow       22.6 m³/min         Exhaust gas flow       54.3 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel P.R.P. Power net	290.0	kW
Fuel Cons. at 100% (P.R.P.)       73.4 I/h         Fuel Cons. at 75% (P.R.P.)       59.8 I/h         Fuel Cons. at 50% (P.R.P.)       37.8 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       195.0 kW         Heat from exhaust       245.0 kW         Heat from radiation       44.0 kW         Exhaust temperature       500 °C         Portata Raffreddamento       390.0 m³/min         Combustion air flow       22.6 m³/min         Exhaust gas flow       54.3 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel E.P. Power net	320.0	kW
Fuel Cons. at 75% (P.R.P.)       59.8 l/h         Fuel Cons. at 50% (P.R.P.)       37.8 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       195.0 kW         Heat from exhaust       245.0 kW         Heat from radiation       44.0 kW         Exhaust temperature       500 °C         Portata Raffreddamento       390.0 m³/min         Combustion air flow       22.6 m³/min         Exhaust gas flow       54.3 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Fuel Cons. at 100% (E.P.)	81.5	l/h
Fuel Cons. at 50% (P.R.P.)         37.8 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         195.0 kW           Heat from exhaust         245.0 kW           Heat from radiation         44.0 kW           Exhaust temperature         500 °C           Portata Raffreddamento         390.0 m³/min           Combustion air flow         22.6 m³/min           Exhaust gas flow         54.3 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 100% (P.R.P)	73.4	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  Heat from radiation  Exhaust temperature  Texhaust gas flow  Texhaust ga	Fuel Cons. at 75% (P.R.P.)	59.8	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  TA  Exhaust gas flow  TA Luft  TA Luft/2  EPA  San G3  Cash G3  I  Estandard  15.0 I  TR  Heat from 195.0 kW  W  EXH  EXH  EXH  EXH  EXH  EXH  EXH	Fuel Cons. at 50% (P.R.P.)	37.8	l/h
Precision class  Oil quantity  Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  Solution  15.0 I  Radiator type  TR  Heat from radiator  195.0 kW  W  EXMUSTER SON  SON  FON  SON  SON  SON  SON  SON	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  Heat from radiation  Exhaust temperature  Tex  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  In 15.0 I  RR  HR  TS.0 I  TR  Heat from radiator  195.0 kW  44.0 kW  Exhaust temperature  500 °C  Portata Raffreddamento  390.0 m³/min  54.3 m³/min  N  N  N	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  In 15.0 I  TR  Heat from TR  AW  EXW  Letter TR  195.0 kW  AW  E45.0 kW  E44.0 kW  E245.0 cC  POC  POC  AW  AW  E44.0 kW  E245.0 cC  AW  FA Luft  TA Luft  N  TA Luft  N  TA Luft  N  TA Luft/2  EPA  N	Precision class	G3	
Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  TR  TA W  TA Luft/2	Oil quantity	28.0	I
Heat from radiator  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  TA Luft  TA Luft/2  EPA  195.0 kW  44.0 kW  500 °C  245.0 kW  44.0 kW  500 °C  245.0 m³/min  245.0 m³/min  250.0 m³/min  250.0 m³/min  270.0 m³/min	Engine Antifreeze capacity	15.0	I
Heat from exhaust 245.0 kW  Heat from radiation 44.0 kW  Exhaust temperature 500 °C  Portata Raffreddamento 390.0 m³/min  Combustion air flow 22.6 m³/min  Exhaust gas flow 54.3 m³/min  TA Luft N  TA Luft/2 N  EPA N	Radiator type	TR	
Heat from radiation 44.0 kW  Exhaust temperature 500 °C  Portata Raffreddamento 390.0 m³/min  Combustion air flow 22.6 m³/min  Exhaust gas flow 54.3 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiator	195.0	kW
Exhaust temperature 500 °C  Portata Raffreddamento 390.0 m³/min  Combustion air flow 22.6 m³/min  Exhaust gas flow 54.3 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from exhaust	245.0	kW
Portata Raffreddamento 390.0 m³/min  Combustion air flow 22.6 m³/min  Exhaust gas flow 54.3 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiation	44.0	kW
Combustion air flow 22.6 m³/min  Exhaust gas flow 54.3 m³/min  TA Luft N  TA Luft/2 N  EPA N	Exhaust temperature	500	°C
Exhaust gas flow 54.3 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	390.0	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	54.3	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
	Stage	N	

MAIN DATA		
Continuous power (PRP)	340.00	kVA
Continuous power (PRP)	272.00	kW
Emergency power (E.P.)	370.00	kVA
Emergency power (E.P.)	296.00	kW
VAC - HZ - cos(fi)	480 - 60 - 0.8	
Sound pressure 7 m.	80.0	dBA

DIMENSIONS AND WEIGHT		
Width	1600	mm
Length	4310	mm
Height	2560	mm
Weight	4500	kg

ALTERNATOR			
Description	STAMFORD		
Alternator model	S4L1D-D		
P.R.P. Power	390.0	kVA	
E.P. Power	430.0	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 l

CANOPY & SILENCER		
Canopy model	GV151	
Silencer model	MSR/a 80	
Silencer outlet diameter	89.0	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.