

## F 80 GX





## **GALAXY "GX"**



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Engine model         N45SM3           Cylinders         4           RPM speed         1500           Cubic capacity         4.50           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         1326         kPa           Cooling         Water         Flywheel P.R.P. Power net         73.3         kW           Flywheel Stand-by Power net         81.0         kW           Fuel Cons. at 100% (P.R.P.)         21.2         l/h           Fuel Cons. at 50% (P.R.P.)         19.4         l/h           Fuel Cons. at 50% (P.R.P.)         9.6         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         <	ENGINE		
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RPM speed       1500         Cubic capacity       4.50 I         Air intake       Turbocharged         Standard voltage       12 Vdc         Optional voltage       24 Vdc         Sae       3-11         BMEP       1326 kPa         Cooling       Water         Flywheel P.R.P. Power net       73.3 kW         Flywheel Stand-by Power net       81.0 kW         Fuel Cons. at 100% (L.T.P.)       21.2 l/h         Fuel Cons. at 100% (P.R.P)       19.4 l/h         Fuel Cons. at 75% (P.R.P.)       14.4 l/h         Fuel Cons. at 50% (P.R.P.)       9.6 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       On request         Precision class       G3         Oil quantity       12.8 l         Engine Antifreeze capacity       8.5 l         Radiator type       TR         Heat from radiator       39.3 kW         Heat from exhaust       52.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       516 °C         Portata Raffreddamento       132.0 m³/min         Combustion air flow       0.0 m³/min	Engine model	N45SM3	
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Air intake         Turbocharged           Standard voltage         12 Vdc           Optional voltage         24 Vdc           Sae         3-11           BMEP         1326 kPa           Cooling         Water           Flywheel P.R.P. Power net         73.3 kW           Flywheel Stand-by Power net         81.0 kW           Fuel Cons. at 100% (L.T.P.)         21.2 l/h           Fuel Cons. at 100% (P.R.P)         19.4 l/h           Fuel Cons. at 75% (P.R.P.)         9.6 l/h           Fuel Cons. at 25% (P.R.P.)         9.6 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         On request           Precision class         G3           Oil quantity         12.8 l           Engine Antifreeze capacity         8.5 l           Radiator type         TR           Heat from radiator         39.3 kW           Heat from radiation         0.0 kW           Exhaust temperature         516 °C           Portata Raffreddamento         132.0 m³/min           Combustion air flow         0.0 m³/min	RPM speed	1500	
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Optional voltage         24         Vdc           Sae         3-11         BMEP         1326         kPa           Cooling         Water         Flywheel P.R.P. Power net         73.3         kW           Flywheel Stand-by Power net         81.0         kW           Fuel Cons. at 100% (L.T.P.)         21.2         I/h           Fuel Cons. at 100% (P.R.P)         19.4         I/h           Fuel Cons. at 75% (P.R.P.)         14.4         I/h           Fuel Cons. at 50% (P.R.P.)         9.6         I/h           Fuel Cons. at 25% (P.R.P.)         0.0         I/h           Electronic regulator         On request           Precision class         G3           Oil quantity         12.8         I           Engine Antifreeze capacity         8.5         I           Radiator type         TR         Heat from radiator         39.3         kW           Heat from radiation         0.0         kW           Exhaust temperature         516         °C           Portata Raffreddamento         132.0         m³/min           Combustion air flow         0.0         m³/min	Air intake	Turbocharged	
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BMEP         1326         kPa           Cooling         Water           Flywheel P.R.P. Power net         73.3         kW           Flywheel Stand-by Power net         81.0         kW           Fuel Cons. at 100% (L.T.P.)         21.2         l/h           Fuel Cons. at 100% (P.R.P)         19.4         l/h           Fuel Cons. at 75% (P.R.P.)         14.4         l/h           Fuel Cons. at 50% (P.R.P.)         9.6         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Electronic regulator         On request           Precision class         G3           Oil quantity         12.8         I           Engine Antifreeze capacity         8.5         I           Radiator type         TR         Heat from radiator         39.3         kW           Heat from exhaust         52.0         kW           Heat from radiation         0.0         kW           Exhaust temperature         516         °C           Portata Raffreddamento         132.0         m³/min           Combustion air flow         0.0         m³/min	Optional voltage	24	Vdc
Cooling Water Flywheel P.R.P. Power net 73.3 kW Flywheel Stand-by Power net 81.0 kW Fuel Cons. at 100% (L.T.P.) 21.2 l/h Fuel Cons. at 100% (P.R.P) 19.4 l/h Fuel Cons. at 75% (P.R.P.) 14.4 l/h Fuel Cons. at 50% (P.R.P.) 9.6 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class G3 Oil quantity 12.8 l Engine Antifreeze capacity 8.5 l Radiator type TR Heat from radiator 39.3 kW Heat from exhaust 52.0 kW Heat from radiation 0.0 kW Exhaust temperature 516 °C Portata Raffreddamento 132.0 m³/min Combustion air flow 0.0 m³/min	Sae	3-11	
Flywheel P.R.P. Power net         73.3 kW           Flywheel Stand-by Power net         81.0 kW           Fuel Cons. at 100% (L.T.P.)         21.2 l/h           Fuel Cons. at 100% (P.R.P)         19.4 l/h           Fuel Cons. at 75% (P.R.P.)         14.4 l/h           Fuel Cons. at 50% (P.R.P.)         9.6 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         On request           Precision class         G3           Oil quantity         12.8 l           Engine Antifreeze capacity         8.5 l           Radiator type         TR           Heat from radiator         39.3 kW           Heat from exhaust         52.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         516 °C           Portata Raffreddamento         132.0 m³/min           Combustion air flow         0.0 m³/min	BMEP	1326	kPa
Flywheel Stand-by Power net         81.0 kW           Fuel Cons. at 100% (L.T.P.)         21.2 l/h           Fuel Cons. at 100% (P.R.P)         19.4 l/h           Fuel Cons. at 75% (P.R.P.)         14.4 l/h           Fuel Cons. at 50% (P.R.P.)         9.6 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         On request           Precision class         G3           Oil quantity         12.8 l           Engine Antifreeze capacity         8.5 l           Radiator type         TR           Heat from radiator         39.3 kW           Heat from exhaust         52.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         516 °C           Portata Raffreddamento         132.0 m³/min           Combustion air flow         0.0 m³/min	Cooling	Water	
Fuel Cons. at 100% (L.T.P.)         21.2 I/h           Fuel Cons. at 100% (P.R.P)         19.4 I/h           Fuel Cons. at 75% (P.R.P.)         14.4 I/h           Fuel Cons. at 50% (P.R.P.)         9.6 I/h           Fuel Cons. at 25% (P.R.P.)         0.0 I/h           Electronic regulator         On request           Precision class         G3           Oil quantity         12.8 I           Engine Antifreeze capacity         8.5 I           Radiator type         TR           Heat from radiator         39.3 kW           Heat from exhaust         52.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         516 °C           Portata Raffreddamento         132.0 m³/min           Combustion air flow         0.0 m³/min	Flywheel P.R.P. Power net	73.3	kW
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Fuel Cons. at 75% (P.R.P.)       14.4       I/h         Fuel Cons. at 50% (P.R.P.)       9.6       I/h         Fuel Cons. at 25% (P.R.P.)       0.0       I/h         Electronic regulator       On request         Precision class       G3         Oil quantity       12.8       I         Engine Antifreeze capacity       8.5       I         Radiator type       TR       Heat from radiator       39.3       kW         Heat from exhaust       52.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       516       °C         Portata Raffreddamento       132.0       m³/min         Combustion air flow       0.0       m³/min	Fuel Cons. at 100% (L.T.P.)	21.2	l/h
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Fuel Cons. at 25% (P.R.P.)  Electronic regulator  On request  Precision class  Oil quantity  Engine Antifreeze capacity  Radiator type  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  On request  On request  Itherefor request  In Respect to the series of the s	Fuel Cons. at 75% (P.R.P.)	14.4	l/h
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Precision class  Oil quantity  Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Combustion air flow  G  G  12.8 I  12.8 I  15.8 I  16.9 I  17.8 I  18.5 I  18.5 I  18.6 I  1	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  Combustion air flow  12.8 I  13.8 I  14.8 I  15.9 I  16.9 I  17.9 I  18.9 I	Electronic regulator	On request	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Combustion air flow  TR  139.3 kW  140.0 kW  150.0 kW  150.0 kW  150.0 kW  150.0 kW  150.0 kW  150.0 m³/min	Precision class	G3	
Radiator typeTRHeat from radiator39.3 kWHeat from exhaust52.0 kWHeat from radiation0.0 kWExhaust temperature516 °CPortata Raffreddamento132.0 m³/minCombustion air flow0.0 m³/min	Oil quantity	12.8	I
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Heat from exhaust 52.0 kW Heat from radiation 0.0 kW Exhaust temperature 516 °C Portata Raffreddamento 132.0 m³/min Combustion air flow 0.0 m³/min	Radiator type	TR	
Heat from radiation 0.0 kW  Exhaust temperature 516 °C  Portata Raffreddamento 132.0 m³/min  Combustion air flow 0.0 m³/min	Heat from radiator	39.3	kW
Exhaust temperature 516 °C  Portata Raffreddamento 132.0 m³/min  Combustion air flow 0.0 m³/min	Heat from exhaust	52.0	kW
Portata Raffreddamento 132.0 m³/min Combustion air flow 0.0 m³/min	Heat from radiation	0.0	kW
Combustion air flow 0.0 m³/min	Exhaust temperature	516	°C
	Portata Raffreddamento	132.0	m³/min
Exhaust gas flow 12.7 m³/min	Combustion air flow	0.0	m³/min
	Exhaust gas flow	12.7	m³/min
TA Luft N	TA Luft	N	
TA Luft/2 N	TA Luft/2	N	
EPA N	EPA	N	
Stage N	Stage	N	

MAIN DATA	
Continuous power (PRP)	<b>83.00</b> kVA
Continuous power (PRP)	<b>66.40</b> kW
Stand-by power (LTP)	90.80 kVA
Stand-by power (LTP)	<b>72.64</b> kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	<b>67</b> dBA

DIMENSIONS AND WEIGHT		
Width	1040	mm
Length	2430	mm
Height	1820	mm
Weight	1410	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	UCI224G
P.R.P. Power	85 kVA
L.T.P. Power	90.8 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1 ± %

BASEFRAME	
Model	GV030HD
Standard tank	160 I
Optional tank	70 I
Oversized tank*	0

CANOPY & SILENCER	
Canopy model	GV030
Silencer model	MSR/a 65
Silencer outlet diameter	76 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. L.T.P. Limited-time running power-Limited power: The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

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.