

## F 120 GX





## **GALAXY "GX"**



For	illustrative	nurnacac	only

Engine model         N45TM3           Cylinders         4           RPM speed         1500           Cubic capacity         4.50           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         1937         kPa           Cooling         Water         Flywheel P.R.P. Power net         107.2         kW           Flywheel Stand-by Power net         118.2         kW           Fuel Cons. at 100% (P.R.P.)         30.4         l/h           Fuel Cons. at 50% (P.R.P.)         27.6         l/h           Fuel Cons. at 55% (P.R.P.)         20.4         l/h           Fuel Cons. at 55% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)	ENCINE		
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Air intake       Turbocharged         Standard voltage       12 Vdc         Optional voltage       24 Vdc         Sae       3-11         BMEP       1937 kPa         Cooling       Water         Flywheel P.R.P. Power net       107.2 kW         Flywheel Stand-by Power net       118.2 kW         Fuel Cons. at 100% (L.T.P.)       30.4 l/h         Fuel Cons. at 100% (P.R.P)       27.6 l/h         Fuel Cons. at 75% (P.R.P.)       20.4 l/h         Fuel Cons. at 50% (P.R.P.)       14.4 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       12.8 l         Engine Antifreeze capacity       8.5 l         Radiator type       TR         Heat from radiator       46.6 kW         Heat from exhaust       82.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       540 °C         Portata Raffreddamento       132.0 m³/min	RPM speed	1500	
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BMEP         1937         kPa           Cooling         Water           Flywheel P.R.P. Power net         107.2         kW           Flywheel Stand-by Power net         118.2         kW           Fuel Cons. at 100% (L.T.P.)         30.4         l/h           Fuel Cons. at 100% (P.R.P)         27.6         l/h           Fuel Cons. at 75% (P.R.P.)         20.4         l/h           Fuel Cons. at 50% (P.R.P.)         14.4         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         12.8         I           Engine Antifreeze capacity         8.5         I           Radiator type         TR         Heat from radiator         46.6         kW           Heat from exhaust         82.0         kW           Heat from radiation         0.0         kW           Exhaust temperature         540         °C           Portata Raffreddamento         132.0         m³/min	Optional voltage	24	Vdc
Cooling         Water           Flywheel P.R.P. Power net         107.2 kW           Flywheel Stand-by Power net         118.2 kW           Fuel Cons. at 100% (L.T.P.)         30.4 l/h           Fuel Cons. at 100% (P.R.P)         27.6 l/h           Fuel Cons. at 75% (P.R.P.)         20.4 l/h           Fuel Cons. at 50% (P.R.P.)         14.4 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         12.8 l           Engine Antifreeze capacity         8.5 l           Radiator type         TR           Heat from radiator         46.6 kW           Heat from exhaust         82.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         540 °C           Portata Raffreddamento         132.0 m³/min	Sae	3-11	
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Fuel Cons. at 100% (L.T.P.)       30.4       I/h         Fuel Cons. at 100% (P.R.P)       27.6       I/h         Fuel Cons. at 75% (P.R.P.)       20.4       I/h         Fuel Cons. at 50% (P.R.P.)       14.4       I/h         Fuel Cons. at 25% (P.R.P.)       0.0       I/h         Electronic regulator       On request         Precision class       G2         Oil quantity       12.8       I         Engine Antifreeze capacity       8.5       I         Radiator type       TR       Heat from radiator       46.6       kW         Heat from exhaust       82.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       540       °C         Portata Raffreddamento       132.0       m³/min	Flywheel P.R.P. Power net	107.2	kW
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Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Cx  Heat from radiation  Radiator  B2.0 kW  Exhaust temperature  TX  B4.6 kW  B2.0 kW  Exhaust temperature  TX  B4.6 kW  B	Precision class	G2	
Radiator typeTRHeat from radiator46.6 kWHeat from exhaust82.0 kWHeat from radiation0.0 kWExhaust temperature540 °CPortata Raffreddamento132.0 m³/min	Oil quantity	12.8	I
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Heat from radiation 0.0 kW  Exhaust temperature 540 °C  Portata Raffreddamento 132.0 m³/min	Heat from radiator	46.6	kW
Exhaust temperature 540 °C  Portata Raffreddamento 132.0 m³/min	Heat from exhaust	82.0	kW
Portata Raffreddamento 132.0 m³/min	Heat from radiation	0.0	kW
	Exhaust temperature	540	°C
Combustion air flow 0.0 m³/min	Portata Raffreddamento	132.0	m³/min
	Combustion air flow	0.0	m³/min
Exhaust gas flow 20.3 m³/min	Exhaust gas flow	20.3	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>124.00</b> kVA
Continuous power (PRP)	<b>99.20</b> kW
Stand-by power (LTP)	135.00 kVA
Stand-by power (LTP)	<b>108.00</b> kW
VAC - HZ - cos(fi)	380 - 50 - 0.8
Sound pressure 7 m.	<b>68</b> dBA

DIMENSIONS AND WEIGHT	r
Width	1040 mm
Length	2560 mm
Height	1805 mm
Weight	1690 ka

ALTERNATOR	
Description	STAMFORD
Alternator model	UCI274E
P.R.P. Power	140 kVA
L.T.P. Power	150 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1 ± %

BASEFRAME	
Model	GV060HD
Standard tank	160 I
Optional tank	70 I
Oversized tank*	800 I

CANOPY & SILENCER		
Canopy model	GV060	
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.