

## **F 60 GX**





## **GALAXY "GX"**



For ill	ustrative	e purposes	only

Description         FPT IVECO           Engine model         N45SM1A           Cylinders         4           RPM speed         1500           Cubic capacity         4.50           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         970         kPa           Cooling         Water         Flywheel P.R.P. Power net         53.5         kW           Flywheel Stand-by Power net         59.0         kW           Fuel Cons. at 100% (L.T.P.)         15.0         l/h           Fuel Cons. at 100% (P.R.P)         13.7         l/h           Fuel Cons. at 50% (P.R.P.)         9.7         l/h           Fuel Cons. at 25% (P.R.P.)         7.0         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         7.0         l/h <th>ENCINE</th> <th></th> <th></th>	ENCINE		
Engine model         N45SM1A           Cylinders         4           RPM speed         1500           Cubic capacity         4.50           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         970         kPa           Cooling         Water         Flywheel P.R.P. Power net         53.5         kW           Flywheel Stand-by Power net         59.0         kW           Fuel Cons. at 100% (L.T.P.)         15.0         l/h           Fuel Cons. at 100% (P.R.P)         13.7         l/h           Fuel Cons. at 55% (P.R.P.)         9.7         l/h           Fuel Cons. at 25% (P.R.P.)         7.0         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Cons. at 25% (P.R.P.)         7.0         l/h           Fuel Cons. at 25% (P.R.P.)         <	ENGINE		
Cylinders         4           RPM speed         1500           Cubic capacity         4.50           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         970         kPa           Cooling         Water         Flywheel P.R.P. Power net         53.5         kW           Flywheel Stand-by Power net         59.0         kW           Fuel Cons. at 100% (L.T.P.)         15.0         l/h           Fuel Cons. at 100% (P.R.P.)         13.7         l/h           Fuel Cons. at 55% (P.R.P.)         9.7         l/h           Fuel Cons. at 25% (P.R.P.)         7.0         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.)         7.0         l/h           Fuel Cons			
RPM speed       1500         Cubic capacity       4.50           Air intake       Turbocharged         Standard voltage       12   Vdc         Optional voltage       24   Vdc         Sae       3-11         BMEP       970   kPa         Cooling       Water         Flywheel P.R.P. Power net       53.5   kW         Flywheel Stand-by Power net       59.0   kW         Fuel Cons. at 100% (L.T.P.)       15.0   l/h         Fuel Cons. at 100% (P.R.P)       13.7   l/h         Fuel Cons. at 75% (P.R.P.)       9.7   l/h         Fuel Cons. at 50% (P.R.P.)       7.0   l/h         Fuel Cons. at 25% (P.R.P.)       0.0   l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       12.8           Engine Antifreeze capacity       8.5           Radiator type       TR         Heat from radiator       30.8   kW         Heat from radiation       10.9   kW         Exhaust temperature       483 °C         Portata Raffreddamento       111.6 m³/min         Combustion air flow       4.3 m³/min         Exhaust gas flow       11.4 m³/min	Engine model	N45SM1A	
Cubic capacity         4.50 I           Air intake         Turbocharged           Standard voltage         12 Vdc           Optional voltage         24 Vdc           Sae         3-11           BMEP         970 kPa           Cooling         Water           Flywheel P.R.P. Power net         53.5 kW           Flywheel Stand-by Power net         59.0 kW           Fuel Cons. at 100% (L.T.P.)         15.0 l/h           Fuel Cons. at 100% (P.R.P)         13.7 l/h           Fuel Cons. at 75% (P.R.P.)         9.7 l/h           Fuel Cons. at 50% (P.R.P.)         7.0 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         30.8 kW           Heat from radiation         10.9 kW           Exhaust temperature         483 °C           Portata Raffreddamento         111.6 m³/min           Combustion air flow         4.3 m³/min           Exhaust gas flow         11.4 m³/min	Cylinders	4	
Air intake         Turbocharged           Standard voltage         12 Vdc           Optional voltage         24 Vdc           Sae         3-11           BMEP         970 kPa           Cooling         Water           Flywheel P.R.P. Power net         53.5 kW           Flywheel Stand-by Power net         59.0 kW           Fuel Cons. at 100% (L.T.P.)         15.0 l/h           Fuel Cons. at 100% (P.R.P)         13.7 l/h           Fuel Cons. at 75% (P.R.P.)         9.7 l/h           Fuel Cons. at 50% (P.R.P.)         7.0 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         30.8 kW           Heat from radiation         10.9 kW           Exhaust temperature         483 °C           Portata Raffreddamento         111.6 m³/min           Combustion air flow         4.3 m³/min           Exhaust gas flow         11.4 m³/min	RPM speed	1500	
Standard voltage         12 Vdc           Optional voltage         24 Vdc           Sae         3-11           BMEP         970 kPa           Cooling         Water           Flywheel P.R.P. Power net         53.5 kW           Flywheel Stand-by Power net         59.0 kW           Fuel Cons. at 100% (L.T.P.)         15.0 l/h           Fuel Cons. at 100% (P.R.P)         13.7 l/h           Fuel Cons. at 75% (P.R.P.)         9.7 l/h           Fuel Cons. at 50% (P.R.P.)         7.0 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         30.8 kW           Heat from radiation         10.9 kW           Exhaust temperature         483 °C           Portata Raffreddamento         111.6 m³/min           Combustion air flow         4.3 m³/min           Exhaust gas flow         11.4 m³/min	Cubic capacity	4.50	I
Optional voltage         24         Vdc           Sae         3-11         BMEP         970         kPa           Cooling         Water         Flywheel P.R.P. Power net         53.5         kW           Flywheel Stand-by Power net         59.0         kW           Fuel Cons. at 100% (L.T.P.)         15.0         l/h           Fuel Cons. at 100% (P.R.P)         13.7         l/h           Fuel Cons. at 50% (P.R.P.)         9.7         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h <td>Air intake</td> <td>Turbocharged</td> <td></td>	Air intake	Turbocharged	
Sae       3-11         BMEP       970 kPa         Cooling       Water         Flywheel P.R.P. Power net       53.5 kW         Flywheel Stand-by Power net       59.0 kW         Fuel Cons. at 100% (L.T.P.)       15.0 l/h         Fuel Cons. at 100% (P.R.P)       13.7 l/h         Fuel Cons. at 75% (P.R.P.)       9.7 l/h         Fuel Cons. at 50% (P.R.P.)       7.0 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       30.8 kW         Heat from exhaust       41.5 kW         Heat from radiation       10.9 kW         Exhaust temperature       483 °C         Portata Raffreddamento       111.6 m³/min         Combustion air flow       4.3 m³/min         Exhaust gas flow       11.4 m³/min	Standard voltage	12	Vdc
BMEP         970 kPa           Cooling         Water           Flywheel P.R.P. Power net         53.5 kW           Flywheel Stand-by Power net         59.0 kW           Fuel Cons. at 100% (L.T.P.)         15.0 l/h           Fuel Cons. at 100% (P.R.P)         13.7 l/h           Fuel Cons. at 75% (P.R.P.)         9.7 l/h           Fuel Cons. at 50% (P.R.P.)         7.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         12.8 l           Engine Antifreeze capacity         8.5 l           Radiator type         TR           Heat from radiator         30.8 kW           Heat from exhaust         41.5 kW           Heat from radiation         10.9 kW           Exhaust temperature         483 °C           Portata Raffreddamento         111.6 m³/min           Combustion air flow         4.3 m³/min           Exhaust gas flow         11.4 m³/min	Optional voltage	24	Vdc
Cooling Water Flywheel P.R.P. Power net 53.5 kW Flywheel Stand-by Power net 59.0 kW Fuel Cons. at 100% (L.T.P.) 15.0 l/h Fuel Cons. at 100% (P.R.P) 13.7 l/h Fuel Cons. at 75% (P.R.P.) 9.7 l/h Fuel Cons. at 50% (P.R.P.) 7.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator On request Precision class G2 Oil quantity 12.8 l Engine Antifreeze capacity 8.5 l Radiator type TR Heat from radiator 30.8 kW Heat from exhaust 41.5 kW Heat from radiation 10.9 kW Exhaust temperature 483 °C Portata Raffreddamento 111.6 m³/min Combustion air flow 4.3 m³/min Exhaust gas flow 11.4 m³/min	Sae	3-11	
Flywheel P.R.P. Power net         53.5 kW           Flywheel Stand-by Power net         59.0 kW           Fuel Cons. at 100% (L.T.P.)         15.0 l/h           Fuel Cons. at 100% (P.R.P)         13.7 l/h           Fuel Cons. at 75% (P.R.P.)         9.7 l/h           Fuel Cons. at 50% (P.R.P.)         7.0 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         30.8 kW           Heat from exhaust         41.5 kW           Heat from radiation         10.9 kW           Exhaust temperature         483 °C           Portata Raffreddamento         111.6 m³/min           Combustion air flow         4.3 m³/min           Exhaust gas flow         11.4 m³/min	BMEP	970	kPa
Flywheel Stand-by Power net         59.0 kW           Fuel Cons. at 100% (L.T.P.)         15.0 l/h           Fuel Cons. at 100% (P.R.P)         13.7 l/h           Fuel Cons. at 75% (P.R.P.)         9.7 l/h           Fuel Cons. at 50% (P.R.P.)         7.0 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         30.8 kW           Heat from exhaust         41.5 kW           Heat from radiation         10.9 kW           Exhaust temperature         483 °C           Portata Raffreddamento         111.6 m³/min           Combustion air flow         4.3 m³/min           Exhaust gas flow         11.4 m³/min	Cooling	Water	
Fuel Cons. at 100% (L.T.P.)       15.0 l/h         Fuel Cons. at 100% (P.R.P)       13.7 l/h         Fuel Cons. at 75% (P.R.P.)       9.7 l/h         Fuel Cons. at 50% (P.R.P.)       7.0 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       30.8 kW         Heat from exhaust       41.5 kW         Heat from radiation       10.9 kW         Exhaust temperature       483 °C         Portata Raffreddamento       111.6 m³/min         Combustion air flow       4.3 m³/min         Exhaust gas flow       11.4 m³/min	Flywheel P.R.P. Power net	53.5	kW
Fuel Cons. at 100% (P.R.P)       13.7 l/h         Fuel Cons. at 75% (P.R.P.)       9.7 l/h         Fuel Cons. at 50% (P.R.P.)       7.0 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       30.8 kW         Heat from exhaust       41.5 kW         Heat from radiation       10.9 kW         Exhaust temperature       483 °C         Portata Raffreddamento       111.6 m³/min         Combustion air flow       4.3 m³/min         Exhaust gas flow       11.4 m³/min	Flywheel Stand-by Power net	59.0	kW
Fuel Cons. at 75% (P.R.P.)       9.7 l/h         Fuel Cons. at 50% (P.R.P.)       7.0 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       30.8 kW         Heat from exhaust       41.5 kW         Heat from radiation       10.9 kW         Exhaust temperature       483 °C         Portata Raffreddamento       111.6 m³/min         Combustion air flow       4.3 m³/min         Exhaust gas flow       11.4 m³/min	Fuel Cons. at 100% (L.T.P.)	15.0	l/h
Fuel Cons. at 50% (P.R.P.)  Fuel Cons. at 25% (P.R.P.)  Electronic regulator  On request  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Precision class  G2  TR  Horizon  TR  Heat from radiator  Heat from adiator  TR  Heat from exhaust  Heat from radiation  The second se	Fuel Cons. at 100% (P.R.P)	13.7	l/h
Fuel Cons. at 25% (P.R.P.)  Electronic regulator  On request  Precision class  G2  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  On request  On request  A	Fuel Cons. at 75% (P.R.P.)	9.7	l/h
Electronic regulatorOn requestPrecision classG2Oil quantity12.8IEngine Antifreeze capacity8.5IRadiator typeTRHeat from radiator30.8kWHeat from exhaust41.5kWHeat from radiation10.9kWExhaust temperature483°CPortata Raffreddamento111.6m³/minCombustion air flow4.3m³/minExhaust gas flow11.4m³/min	Fuel Cons. at 50% (P.R.P.)	7.0	l/h
Precision class  G2  Oil quantity  12.8   Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  10.9 kW  Exhaust temperature  Portata Raffreddamento  Combustion air flow  4.3 m³/min  Exhaust gas flow  G2  R  62  R  62  R  62  R  63  C  R  70  Minima  64  Minima  64  Minima  64  Minima  64  Minima  64  Minima  65  Minima  66  Minima  67  Minima  68  Minima  68	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  TR  Heat from exhaust  41.5 kW  Heat from radiation  10.9 kW  Exhaust temperature  483 °C  Portata Raffreddamento  111.6 m³/min  Combustion air flow  4.3 m³/min  Exhaust gas flow  11.4 m³/min	Electronic regulator	On request	
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  11.4  Radiator type  TR  40.8  WW  41.5  WW  41.5  WW  48.3  C  Portata Raffreddamento  111.6  M³/min  Exhaust gas flow  11.4  m³/min	Precision class	G2	
Radiator type TR Heat from radiator 30.8 kW Heat from exhaust 41.5 kW Heat from radiation 10.9 kW Exhaust temperature 483 °C Portata Raffreddamento 111.6 m³/min Combustion air flow 4.3 m³/min Exhaust gas flow 11.4 m³/min	Oil quantity	12.8	I
Heat from radiator  Heat from exhaust  Heat from exhaust  Heat from radiation  10.9 kW  Exhaust temperature  483 °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  11.4 m³/min	Engine Antifreeze capacity	8.5	I
Heat from exhaust 41.5 kW  Heat from radiation 10.9 kW  Exhaust temperature 483 °C  Portata Raffreddamento 111.6 m³/min  Combustion air flow 4.3 m³/min  Exhaust gas flow 11.4 m³/min	Radiator type	TR	
Heat from radiation 10.9 kW  Exhaust temperature 483 °C  Portata Raffreddamento 111.6 m³/min  Combustion air flow 4.3 m³/min  Exhaust gas flow 11.4 m³/min	Heat from radiator	30.8	kW
Exhaust temperature 483 °C  Portata Raffreddamento 111.6 m³/min  Combustion air flow 4.3 m³/min  Exhaust gas flow 11.4 m³/min	Heat from exhaust	41.5	kW
Portata Raffreddamento 111.6 m³/min Combustion air flow 4.3 m³/min Exhaust gas flow 11.4 m³/min	Heat from radiation	10.9	kW
Combustion air flow 4.3 m³/min Exhaust gas flow 11.4 m³/min	Exhaust temperature	483	°C
Exhaust gas flow 11.4 m³/min	Portata Raffreddamento	111.6	m³/min
,	Combustion air flow	4.3	m³/min
TA Luft N	Exhaust gas flow	11.4	m³/min
IA Luit IV	TA Luft	N	
TA Luft/2 N	TA Luft/2	N	
EPA N	EPA	N	
Stage 2	Stage	2	

MAIN DATA	
Continuous power (PRP)	<b>57.20</b> kVA
Continuous power (PRP)	<b>45.76</b> kW
Stand-by power (LTP)	<b>63.00</b> kVA
Stand-by power (LTP)	<b>50.40</b> kW
VAC - HZ - cos(fi)	380 - 50 - 0.8
Sound pressure 7 m.	<b>65</b> dBA

DIMENSIONS AND WEIGH	Т
Width	1040 mm
Length	2260 mm
Height	1790 mm
Weight	1200 kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S1L2-Y	
P.R.P. Power	57.2	kVA
L.T.P. Power	63	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS540	
Precision	1	± %

BASEFRAME	
Model	GV030HD
Standard tank	160 I
Optional tank	70 I
Oversized tank*	0 1

CANOPY & SILENCER	
Canopy model	GV030
Silencer model	MSR/a 50
Silencer outlet diameter	60 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.