

S 450 GX





GALAXY "GX"



ENGINE Description SCANIA Engine model DC13 072A 02 13 Cylinders 6 RPM speed 1800 Cubic capacity 12.70 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 428.0 kW Flywheel E.P. Power net 470.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h I/h Fuel Cons. at 2100% (E.P.) 74.3 l/h I/h Fuel Cons. at 50% (P.R.P.) 74.3 l/h I/h Fuel Cons. at 25% (P.R.P.) 50.3 l/h I/h Fuel Cons. at 25% (P.R.P.) 50.3 l/h I/h Fuel Cons. at 25% (P.R.P.) 50.3 l/h I/h Fuel Cons. at 25% (P.R.P.) 70.0 l/h I/h Fuel Cons. at 25% (P.R.P.) 70.0 l/h I/h Fuel Cons. at 25% (P.R.P.) 70.0 l/h I/h			
Engine model DC13 072A 02 13 Cylinders 6 RPM speed 1800 Cubic capacity 12.70 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 Proper contect 428.0 kW Elywheel P.R.P. Power net 428.0 kW kW Flywheel E.P. Power net 470.0 kW kW Fuel Cons. at 100% (E.P.) 115.4 l/h l/h fuel Cons. at 100% (P.R.P.) 74.3 l/h l/h l/h Fuel Cons. at 25% (P.R.P.) 50.3 l/h l/h Fuel Cons. at 25% (P.R.P.) 50.3 l/h l/h Fuel Cons. at 25% (P.R.P.) 50.0 l/h I/h Fuel Cons. at 25% (P.R.P.) 6.0 l/h I/h Fuel Cons. at 25% (P.R.P.) 6.0 l/h I/h Fuel Cons. at 25% (P.R.P.) 6.0 l/h I/h I/h <td>ENGINE</td> <td></td> <td></td>	ENGINE		
Cylinders 6 RPM speed 1800 Cubic capacity 12.70 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 Vdc BMEP 0 kPa Cooling Water WW Flywheel P.R.P. Power net 470.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 50% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard	Description	SCANIA	
RPM speed 1800 Cubic capacity 12.70 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 428.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h I/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h I/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h I/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h I/h Fuel Cons. at 2	Engine model	DC13 072A 02 13	
Cubic capacity 12.70 I Air intake Turbocharged Standard voltage Vdc Optional voltage Vdc Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 428.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h I/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h I/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h I/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h I/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l I Engine Antifreeze capacity 16.0 l I Radiator type TR Heat from radiator 278.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft/2 N <td>Cylinders</td> <td>6</td> <td></td>	Cylinders	6	
Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 428.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h Fuel Cons. at 50% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 16.0 l Radiator type TR Heat from radiator 278.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft/2 N EPA N <	RPM speed	1800	
Standard voltage 24 Vdc Optional voltage Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 428.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 16.0 l Fuel Cons. at 25% (P.R.P.) 78.0 kW Rediator deviator Precision class G3 0il quantity 36.0 l Engine Antifreeze capacity 16.0 l 1 Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min T	Cubic capacity	12.70	I
Optional voltage Vdc Sae 1-14 BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 428.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 16.0 l Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 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 428.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 16.0 l Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N EPA N	Standard voltage	24	Vdc
BMEP 0 kPa Cooling Water Flywheel P.R.P. Power net 428.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 16.0 l Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft/2 N EPA N	Optional voltage		Vdc
Cooling Water Flywheel P.R.P. Power net 428.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 16.0 l Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N EPA N	Sae	1-14	
Flywheel P.R.P. Power net 428.0 kW Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 16.0 l Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	BMEP	0	kPa
Flywheel E.P. Power net 470.0 kW Fuel Cons. at 100% (E.P.) 115.4 l/h Fuel Cons. at 100% (P.R.P) 103.3 l/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Flectronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 16.0 l Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Cooling	Water	
Fuel Cons. at 100% (E.P.) 115.4 I/h Fuel Cons. at 100% (P.R.P) 103.3 I/h Fuel Cons. at 75% (P.R.P.) 74.3 I/h Fuel Cons. at 50% (P.R.P.) 50.3 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 I Engine Antifreeze capacity 16.0 I Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel P.R.P. Power net	428.0	kW
Fuel Cons. at 100% (P.R.P.) 103.3 l/h Fuel Cons. at 75% (P.R.P.) 74.3 l/h Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 16.0 l Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Flywheel E.P. Power net	470.0	kW
Fuel Cons. at 75% (P.R.P.) 74.3 I/h Fuel Cons. at 50% (P.R.P.) 50.3 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 I Engine Antifreeze capacity 16.0 I Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (E.P.)	115.4	l/h
Fuel Cons. at 50% (P.R.P.) 50.3 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 36.0 l Engine Antifreeze capacity 16.0 l Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (P.R.P)	103.3	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 gas flow	Fuel Cons. at 75% (P.R.P.)	74.3	l/h
Electronic regulator Precision class G3 Oil quantity Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow TA Luft TA Luft TA Luft/2 EPA San Standard Standard Standard Standard A1.0 R A278.0 R W EXP AV AV AV AV AV AV AV AV AV A	Fuel Cons. at 50% (P.R.P.)	50.3	l/h
Precision class Oil quantity 36.0 I Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Sample Sam	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 The standard of	Electronic regulator	Standard	
Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Sample	Precision class	G3	
Radiator type TR Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 EPA N	Oil quantity	36.0	I
Heat from radiator 278.0 kW Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Engine Antifreeze capacity	16.0	1
Heat from exhaust 358.0 kW Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Radiator type	TR	
Heat from radiation 41.0 kW Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiator	278.0	kW
Exhaust temperature 557 °C Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from exhaust	358.0	kW
Portata Raffreddamento 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	41.0	kW
Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	557	°C
Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	0.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	0.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	0.0	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
	Stage	N	

MAIN DATA		
Continuous power (PRP)	500.00	kVA
Continuous power (PRP)	400.00	kW
Emergency power (E.P.)	553.00	kVA
Emergency power (E.P.)	442.40	kW
VAC - HZ - cos(fi)	208 - 60 - 0.8	
Sound pressure 7 m.	79.0	dBA

DIMENSIONS AND WEIGHT	
Width	1600 mm
Length	4810 mm
Height	2560 mm
Weight	4670 kg

ALTERNATOR			
Description	STAMFORD		
Alternator model	S4L1D-G		
P.R.P. Power	500.0	kVA	
E.P. Power	565.0	kVA	
Connection	Parallel 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 I

CANOPY & SILENCER		
Canopy model	GV151/00/1	
Silencer model	MSR/a 125	
Silencer outlet diameter	140.0	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.