

TECHNICAL DATASHEET / GALAXY-F 350 GX



Performance

Continuous power (PRP)	350.0	(KVA)
Continuous power (PRP)	280.0	(KW)
Stand-by power (LTP)	385.0	(KVA)
Stand-by power (LTP)	308.0	(KW)
Power factor	0.8	

VOLTAGE		
Frequency (Hz)	50	Hz
Voltage (V)	400	٧

DIMENSIONS AND NOISE LEVEL		
Width	1300	mm
Length	4000	mm
Height	2400	mm
Weight	4220	kg
Sound pressure 7 m.	72.0	dBA

DATA REFERENCES

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 ISO 8528-1. 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.

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GALAXY - F 350 GX

STRONG POINTS

- Industrial diesel engine in genset version with certificate of origin.
- 2. Industrial brushless alternator with AVR.
- 3. Steel baseframe with retention basin and modular steel fuel tank with level sensor.
- 4. Soundproof canopy in galvanized, power coated sheet steel.
- 5. Soundproofing material made of high attenuation polyester fibre.
- 6. Internal exhaust silencer with insulated manifold.
- 7. Electrical panel mounted on board the unit with digital control device installed in metal box.
- 8. Compact for easy handling and use.
- 9. Test report, manuals and electrical drawings supplied.
- 10. World wide after sales service and technical support.

Further details on the technical data sheet

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TECHNICAL DATASHEET / GALAXY-F 350 GX

24 HOUR SERVICE 7000 4994

Engine

Engine model C13TE2A Cylinders 6 nr. Speed 1500 r.p.m. Cubic capacity 12,900 cm² Air intake Turbocharged Standard voltage 24 Vdc Vdc Optional voltage Vdc Vdc Sae 1-14 BMEP 0 kPa Cooling Water Water ENGINE POWER Wester FURL Cons. FURL Cons. KW FURL Cons. FURL Cons. KW FURL Cons. FURL Cons.	Engine brand	FPT IVECO	FPT IVECO	
Speed	Engine model	C13TE2A		
Cubic capacity 12.900 cm³ Air intake Turbocharged Standard voltage 24 Vdc Vdc Optional voltage Vdc Vdc Sae 1-14 BMEP 0 kPa Cooling Water Water ENGINE POWER Water Flywheel P.R.P. Power 315.0 kW W Flywheel Stand-by Power 345.0 kW Fuel Cons. at 100% (L.T.P.) 77.9 I/h Fuel Cons. at 100% (P.R.P.) 77.9 I/h Fuel Cons. at 100% (P.R.P.) 77.9 I/h Fuel Cons. at 50% (P.R.P.) 38.8 I/h Fuel Cons. at 25% (P.R.P.) -1/h -1/h SPEED REGULATION Standard Electronic regulator Standard G2 ENGINE DIMENSIONS AND LIQUIDS G2 ENGINE DIMENSIONS AND LIQUIDS M50 Oil quantity 35.0 L Antifreeze quantity 19.5 L Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 0 kW 0 kW Heat from radiation 0 kW 0 kW EXHAUST DATA	Cylinders	6	nr.	
Air intake Turbocharged Standard voltage 24 Vdc Vdc Optional voltage Vdc Vdc Sae 1-14 BMEP 0 kPa Cooling Water Water ENGINE POWER Flywheel P.R.P. Power 315.0 kW Flywheel Stand-by Power 345.0 kW FUEL CONSUMPTION T77.9 l/h Fuel Cons. at 100% (P.R.P) 70.0 l/h Fuel Cons. at 25% (P.R.P.) 53.7 l/h Fuel Cons. at 25% (P.R.P.) 38.8 l/h Fuel Cons. at 25% (P.R.P.) - l/h SPEED REGULATION Standard Electronic regulator Standard Precision class 62 ENGINE DIMENSIONS AND LIQUIDS 01 quantity 01 quantity 35.0 l Antifreeze quantity 19.5 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 0 kW Heat from radiation 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min<	Speed	1500	r.p.m.	
Standard voltage 24 Vdc Vdc Optional voltage Vdc Vdc Sae 1-14 BMEP 0 kPa Cooling Water Water ENGINE POWER ENGINE POWER Flywheel P.R.P. Power 315.0 kW Flywheel Stand-by Power 345.0 kW Fuel Cons. at 100% (L.T.P.) 77.9 l/h Fuel Cons. at 100% (P.R.P) 70.0 l/h Fuel Cons. at 75% (P.R.P.) 53.7 l/h Fuel Cons. at 25% (P.R.P.) 38.8 l/h Fuel Cons. at 25% (P.R.P.) - l/h SPEED REGULATION Electronic regulator Standard Precision class 62 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 35.0 l Antifreeze quantity 19.5 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 0 kW Heat from radiation 0 kW Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min </td <td>Cubic capacity</td> <td>12.900</td> <td>cm³</td>	Cubic capacity	12.900	cm ³	
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BMEP 0 kPa Cooling Water ENGINE POWER Water Flywheel P.R.P. Power 315.0 kW Flywheel Stand-by Power 345.0 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 77.9 l/h Fuel Cons. at 75% (P.R.P.) 53.7 l/h Fuel Cons. at 50% (P.R.P.) 38.8 l/h Fuel Cons. at 25% (P.R.P.) - l/h SPEED REGULATION Standard Electronic regulator Standard Precision class G2 ENGINE DIMENSIONS AND LIQUIDS 0il quantity 35.0 l Antifreeze quantity 19.5 l Radiator standard Heat from radiator 0 kW Heat from exhaust 0 kW Heat from radiation 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Optional voltage	Vdc	Vdc	
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ENGINE POWER Flywheel P.R.P. Power Flywheel Stand-by Power 345.0 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) Fuel Cons. at 100% (P.R.P) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Frecision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity Antifreeze quantity Heat from radiator Heat from radiator Heat from radiator Heat from exhaust O kW Heat from radiation EXHAUST DATA EXHAUST DATA Exhaust temperature 479 °C Cooling air flow Combustion air flow 25.00 m³/min	ВМЕР	0	kPa	
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Flywheel Stand-by Power 345.0 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 77.9 l/h Fuel Cons. at 100% (P.R.P) 70.0 l/h Fuel Cons. at 75% (P.R.P.) 53.7 l/h Fuel Cons. at 50% (P.R.P.) 38.8 l/h Fuel Cons. at 25% (P.R.P.) - l/h SPEED REGULATION Electronic regulator Standard Precision class 62 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 35.0 l Antifreeze quantity 19.5 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 0 kW Heat from radiation 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	ENGINE POWER			
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Fuel Cons. at 100% (P.R.P) Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity The standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation O kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow Combustion air flow 25.00 m³/min Combustion air flow 25.00 m³/min	FUEL CONSUMPTION			
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Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity 19.5 l Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust O kW Heat from radiation O kW EXHAUST DATA Exhaust temperature Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Fuel Cons. at 100% (P.R.P)	70.0	/h	
Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation O kW EXHAUST DATA Exhaust temperature Cooling air flow Combustion air flow - I/h Standard - I/h Standard O g2 ENGINE DIMENSIONS AND LIQUIDS 01 19.5 L 19.5 L 10 10 10 10 10 10 10 10 10 1	Fuel Cons. at 75% (P.R.P.)	53.7	53.7 l/h	
SPEED REGULATION Electronic regulator Standard Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 35.0 l Antifreeze quantity 19.5 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 0 kW Heat from exhaust 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Fuel Cons. at 50% (P.R.P.)	38.8	/h	
Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 35.0 l Antifreeze quantity 19.5 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 0 kW Heat from exhaust 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow	Fuel Cons. at 25% (P.R.P.)	- l/h	- I/h	
Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 35.0 l Antifreeze quantity 19.5 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 0 kW Heat from exhaust 0 kW Heat from radiation 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	SPEED REGULATION			
ENGINE DIMENSIONS AND LIQUIDS Oil quantity 35.0 l Antifreeze quantity 19.5 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 0 kW Heat from exhaust 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Electronic regulator	Stand	lard	
Oil quantity 35.0 l Antifreeze quantity 19.5 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 0 kW Heat from exhaust 0 kW Heat from radiation 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Precision class	G2	G2	
Antifreeze quantity Radiator standard IM50 HEAT FROM ENGINE Heat from radiator O kW Heat from exhaust O kW Heat from radiation O kW EXHAUST DATA Exhaust temperature Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	ENGINE DIMENSIONS AND LIQUIDS			
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HEAT FROM ENGINE Heat from radiator D kW Heat from exhaust O kW Heat from radiation D kW EXHAUST DATA Exhaust temperature Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Antifreeze quantity	19.5 (19.5 l	
Heat from radiator 0 kW Heat from exhaust 0 kW Heat from radiation 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Radiator standard	IM50	IM50	
Heat from exhaust 0 kW Heat from radiation 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	HEAT FROM ENGINE			
Heat from radiation 0 kW EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Heat from radiator	0 kW		
EXHAUST DATA Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Heat from exhaust	0 kW	0 kW	
Exhaust temperature 479 °C Cooling air flow 408.00 m³/min Combustion air flow 25.00 m³/min	Heat from radiation	0 kW		
Cooling air flow408.00 m³/minCombustion air flow25.00 m³/min	EXHAUST DATA			
Combustion air flow 25.00 m³/min	Exhaust temperature	479°	C	
	Cooling air flow	408.0	408.00 m³/min	
Exhaust gas flow 66.10 m³/min	Combustion air flow	25.00	25.00 m³/min	
	Exhaust gas flow	66.10	m³/min	

EMISSIONS	
TA Luft	Not available
TA Luft/2	Not available
EPA	Not available
Stage	Not available

Alternator

Alternator brand	STAMFORD
Alternator model	HCI4E
PRP Power	350.0 kVA
LTP Power	400.0 kVA

ALTERNATOR WIRINGS	
Connection	Series star
Phases	Three phases with neutral
Winding	12 terminals 50-60Hz Winding 311
Terminal Number	12 nr

ALTERNATOR PROTECTION		
IP Protection	23	

VOLTAGE REGULATOR	
Electronic regulator	AS440
Precision	1.0 ±%

Baseframe

Model	GV150
Capacity	400 l

Canopy & Silencer

Canopy model	GV150
Silencer model	MSR/a 125
Silencer outlet diameter	140.0 mm

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