

TECHNICAL DATASHEET / GALAXY-P 155 GX

24 HOUR SERVICE 7000 4994

Performance

Continuous power (PRP)	150.0	(KVA)
Continuous power (PRP)	120.0	(KW)
Stand-by power (LTP)	166.0	(KVA)
Stand-by power (LTP)	132.8	(KW)
Power factor	0.8	

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

DIMENSIONS AND NOISE LEVEL		
Width	1140	mm
Length	3060	mm
Height	2230	mm
Weight	2260	kg
Sound pressure 7 m.	68.0	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.

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Psilos Services reserves the right to revise the information without notice per our policy of continuous product development and improvement.



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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Engine

Engine model 1006TAG2 Cylinders 6 nr. Speed 1500 r.p.m. Cubic capacity 5.990 cm³ Air intake Turbocharged Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1825 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power 136.8 kW Flywheel Stand-by Power 150.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 45.0 l/h Fuel Cons. at 50% (P.R.P.) 31.0 l/h Fuel Cons. at 50% (P.R.P.) 20.0 l/h Fuel Cons. at 25% (P.R.P.) - l/h SPEED REGULATION Electronic regulator Standard Precision class A2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 19.0 l Antifreeze quantity 12.7 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 89.4 kW Heat from radiator 14.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 10.10 m³/min Exhaust gas flow 29.10 m³/min	Engine brand	PERKINS		
Speed	Engine model	1006TAG2		
Cubic capacity 5.990 cm³ Air intake Turbocharged Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1825 kPa Cooling Water Water EMINE POWER Image: Cooling Water Image: Cooling Water<	Cylinders	6	nr.	
Air intake Turbocharged Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 kPa BMEP 1825 kPa Cooling Water Water ENGINE POWER Flywheel P.R.P. Power 136.8 kW Flywheel Stand-by Power 150.5 kW Fuel Cons.udPTION Fuel Cons. at 100% (P.R.P) 41.0 I/h 45.0 I/h Fuel Cons. at 25% (P.R.P.) 31.0 I/h 1/h Fuel Cons. at 25% (P.R.P.) 20.0 I/h -1/h SPEED REGULATION Electronic regulator Standard Precision class A2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 19.0 L Antifreeze quantity 12.7 L Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 89.4 kW Heat from radiation 14.0 kW EXHAUST DATA EXHAUST DAT	Speed	1500	r.p.m.	
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Heat from radiation 14.0 kW EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 154.00 m³/min Combustion air flow 10.10 m³/min	Heat from radiator	89.4	kW	
EXHAUST DATA Exhaust temperature 580 °C Cooling air flow 154.00 m³/min Combustion air flow 10.10 m³/min	Heat from exhaust	99.1 kW		
Exhaust temperature 580 °C Cooling air flow 154.00 m³/min Combustion air flow 10.10 m³/min	Heat from radiation	14.0 kW		
Cooling air flow 154.00 m³/min Combustion air flow 10.10 m³/min	EXHAUST DATA			
Combustion air flow 10.10 m³/min	Exhaust temperature	580 °	PC .	
	Cooling air flow	154.0	154.00 m ³ /min	
Exhaust gas flow 29.10 m³/min	Combustion air flow	10.10 m³/min		
	Exhaust gas flow	29.10	O m³/min	

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

Alternator

Alternator brand	STAMFORD
Alternator model	UCI274F
PRP Power	160.0 kVA
LTP Power	175.0 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	SX460
Precision	1.5 ±%

Baseframe

Model	GV100HD
Capacity	120 l

Canopy & Silencer

Canopy model	GV100
Silencer model	MSR/a 80
Silencer outlet diameter	89.0 mm

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