

TECHNICAL DATASHEET / GALAXY-P 65 SS

24 HOUR SERVICE 7000 4994

Performance

Continuous power (PRP)	60.0	(KVA)
Continuous power (PRP)	48.0	(KW)
Stand-by power (LTP)	63.0	(KVA)
Stand-by power (LTP)	50.4	(KW)
Power factor	0.8	

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

DIMENSIONS AND NOISE LEVEL		
Width	1040	mm
Length	2260	mm
Height	1820	mm
Weight	1300	kg
Sound pressure 7 m.	60.0	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

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.



24 HOUR SERVICE 7000 4994

TECHNICAL DATASHEET / GALAXY-P 65 SS

Engine

Engine model 1103C-33TAG2 Cylinders 3 nr. Speed 1500 r.p.m. Cubic capacity 3.300 cm³ Air intake Turbocharged Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1333 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power 55.0 kW Flywheel Stand-by Power 60.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.4 l/h Fuel Cons. at 50% (P.R.P.) 10.4 l/h Fuel Cons. at 55% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 4.1 l/h SPEED REGULATION Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oit quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from radiator 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Exhaust gas flow 10.10 m³/min	Engine brand	PERKINS	PERKINS	
Speed	Engine model	1103C-33TAG	1103C-33TAG2	
Cubic capacity 3.300 cm² Air intake Turbocharged Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1333 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power Flywheel Stand-by Power 55.0 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) Fuel Cons. at 100% (P.R.P) 13.9 l/h Fuel Cons. at 25% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 4.1 l/h SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS 0il quantity 0il quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min	Cylinders	3	nr.	
Air intake Turbocharged Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP BMEP 1333 kPa Cooling Water Water ENGINE POWER EIywheel P.R.P. Power 55.0 kW Flywheel Stand-by Power 55.0 kW FUEL CONSUMPTION Fuel Cons. at 100% (P.R.P.) Power 15.4 l/h Fuel Cons. at 100% (P.R.P.) 13.9 l/h Fuel Cons. at 25% (P.R.P.) 10.4 l/h Fuel Cons. at 25% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 0n request Precision class 62 ENGINE DIMENSIONS AND LIQUIDS 0n request Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from radiator 35.0 kW Heat from radiation 10.0 kW	Speed	1500	r.p.m.	
Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1333 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power 55.0 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.4 1/h Fuel Cons. at 100% (P.R.P) 13.9 1/h 19.4 1/h Fuel Cons. at 75% (P.R.P.) 7.2 1/h 19.4 1/h Fuel Cons. at 50% (P.R.P.) 7.2 1/h 19.4 1/h Fuel Cons. at 25% (P.R.P.) 4.1 1/h 4.1 1/h SPEED REGULATION Electronic regulator On request Precision class 62 ENGINE DIMENSIONS AND LIOUIDS 01 quantity 4.4 1 Antifreeze quantity 4.4 1 4.4 1 Radiator standard IM50 Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow <	Cubic capacity	3.300	cm ³	
Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1333 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power 55.0 kW Flywheel Stand-by Power 60.5 kW Fuel Cons. at 100% (LT.P.) Fuel Cons. at 100% (P.R.P) 13.9 1/h Fuel Cons. at 75% (P.R.P.) 10.4 1/h Fuel Cons. at 50% (P.R.P.) 7.2 1/h Fuel Cons. at 25% (P.R.P.) 4.1 1/h SPEED REGULATION Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Air intake	Turbocharged	1	
Sae 3-11 1/2 BMEP 1333 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power Flywheel Stand-by Power 55.0 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.4 l/h Fuel Cons. at 100% (P.R.P) 13.9 l/h Fuel Cons. at 50% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 4.1 l/h SPEED REGULATION Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIQUIDS 0il quantity 0il quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Standard voltage	12 Vdc	Vdc	
BMEP 1333 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power 55.0 kW Flywheel Stand-by Power 60.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.4 l/h Fuel Cons. at 100% (P.R.P) 13.9 l/h 1.2 l/h Fuel Cons. at 75% (P.R.P.) 7.2 l/h 1.4 l/h Fuel Cons. at 25% (P.R.P.) 7.2 l/h 2 l/h Fuel Cons. at 25% (P.R.P.) 0.1 request 62 Engine DIMENSIONS AND LIQUIDS 0.1 request 62 Engine DIMENSIONS AND LIQUIDS 3.3 l 4.4 l	Optional voltage	Vdc	Vdc	
ENGINE POWER Flywheel P.R.P. Power 55.0 kW Flywheel Stand-by Power 60.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.4 l/h Fuel Cons. at 100% (P.R.P) 13.9 l/h Fuel Cons. at 50% (P.R.P.) 10.4 l/h Fuel Cons. at 50% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 4.1 l/h SPEED REGULATION Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIQUIDS 0il quantity Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 38.m³/min	Sae	3-11 1/2		
ENGINE POWER Flywheel P.R.P. Power 55.0 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.4 l/h Fuel Cons. at 100% (P.R.P) 13.9 l/h Fuel Cons. at 50% (P.R.P.) 10.4 l/h Fuel Cons. at 50% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 4.1 l/h SPEED REGULATION Electronic regulator 0n request Precision class 62 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 38 m³/min	ВМЕР	1333	kPa	
Flywheel P.R.P. Power 55.0 kW Flywheel Stand-by Power 60.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.4 l/h Fuel Cons. at 100% (P.R.P) 13.9 l/h Fuel Cons. at 75% (P.R.P.) 10.4 l/h Fuel Cons. at 50% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 4.1 l/h SPEED REGULATION Electronic regulator On request Precision class 62 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from radiator 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 38.0 m³/min	Cooling	Water		
Flywheel Stand-by Power 60.5 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.4 l/h Fuel Cons. at 100% (P.R.P) 13.9 l/h Fuel Cons. at 50% (P.R.P.) 10.4 l/h Fuel Cons. at 55% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 4.1 l/h SPEED REGULATION Electronic regulator 0n request Precision class 62 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	ENGINE POWER			
FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.4 l/h Fuel Cons. at 100% (P.R.P) 13.9 l/h Fuel Cons. at 75% (P.R.P.) 10.4 l/h Fuel Cons. at 50% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 4.1 l/h SPEED REGULATION Electronic regulator 0n request Precision class 62 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Flywheel P.R.P. Power	55.0	kW	
Fuel Cons. at 100% (L.T.P.) 15.4 l/h Fuel Cons. at 100% (P.R.P) 13.9 l/h Fuel Cons. at 75% (P.R.P.) 10.4 l/h Fuel Cons. at 50% (P.R.P.) 7.2 l/h Fuel Cons. at 25% (P.R.P.) 4.1 l/h SPEED REGULATION Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Flywheel Stand-by Power	60.5	kW	
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.) Fuel Cons. at 25% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust 41.0 kW Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	FUEL CONSUMPTION			
Fuel Cons. at 75% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust 41.0 kW Heat from radiation EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Fuel Cons. at 100% (L.T.P.)	15.4	l/h	
Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (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 A.4 I Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Fuel Cons. at 100% (P.R.P)	13.9	l/h	
Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Fuel Cons. at 75% (P.R.P.)	10.4	l/h	
Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Fuel Cons. at 50% (P.R.P.)	7.2 l	/h	
Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Fuel Cons. at 25% (P.R.P.)	4.1 l	/h	
Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	SPEED REGULATION			
ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Electronic regulator	On r	equest	
Oil quantity Antifreeze quantity Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow Solution 89.00 m³/min Combustion air flow 83.1 44.1 10.0	Precision class	G2		
Antifreeze quantity Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow 89.00 m³/min Combustion air flow 34.4 l 41.0 kW 41.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min	ENGINE DIMENSIONS AND LIQUIDS			
Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Oil quantity	8.3 l		
HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Antifreeze quantity	4.4 l		
Heat from radiator Heat from exhaust Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature Cooling air flow 89.00 m³/min Combustion air flow 35.0 kW 41.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min	Radiator standard	IM50		
Heat from exhaust 41.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	HEAT FROM ENGINE			
Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Heat from radiator	35.0	35.0 kW	
EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Heat from exhaust	41.0	41.0 kW	
Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Heat from radiation	10.0 kW		
Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	EXHAUST DATA			
Combustion air flow 3.8 m³/min	Exhaust temperature	557 °C		
	Cooling air flow	89.0	89.00 m³/min	
Exhaust gas flow 10.10 m³/min	Combustion air flow	3.8 m³/min		
	Exhaust gas flow	10.10 m³/min		

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

Alternator

Alternator brand	STAMFORD
Alternator model	UCI224E
PRP Power	60.0 kVA
LTP Power	63.0 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	01.5 ±%

Baseframe

Model	GV030HD
Capacity	160 l

Canopy & Silencer

Canopy model	GV030
Silencer model	MSR/a 50
Silencer outlet diameter	60.0 mm

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.