GALAXY - V 590 GX

GALAXY “GX”



For illustrative purposes only

MAIN DATA

Continuous power (PRP)	591.0	(kVA)
Continuous power (PRP)	472.8	(kW)
Stand-by power (LTP)	651.0	(kVA)
Stand-by power (LTP)	520.8	(kW)
Voltage • Frequency • Power Factor	**400V •50Hz • 0.8 cosφ**	

ENGINE

Engine brand	VOLVO-PENTA	
Engine model	TAD1642GE-B	
Cylinders	6	
Speed	1500	r.p.m.
Cubic capacity	16.12	l
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	1-14	
BMEP	2800	kPa
Cooling	Water	
Flywheel P.R.P. Power	503.0	kW
Flywheel Stand-by Power	554.0	kW
Fuel Cons. at 100% (L.T.P.)	134.4	l/h
Fuel Cons. at 100% (P.R.P)	130.3	l/h
Fuel Cons. at 75% (P.R.P.)	90.1	l/h
Fuel Cons. at 50% (P.R.P.)	60.9	l/h
Fuel Cons. at 25% (P.R.P.)	32.2	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	48.0	l
Engine Antifreeze capacity	93.0	l
Radiator type	Tropical	
Heat from radiator	112.0	kW
Heat from exhaust	379.0	kW
Heat from radiation	18.0	kW
Exhaust temperature	456	°C
Cooling air flow	444.00	m³/min
Combustion air flow	0.00	m³/min
Exhaust gas flow	94.40	m³/min
TA Luft	Standard	
TA Luft/2	Not available	
EPA	Tier 2	
Stage	Stage 2	

DIMENSIONS AND WEIGHT

Width	1600	mm
Length	4810	mm
Height	2460	mm
Weight	5760	kg

ALTERNATOR

Alternator brand	STAMFORD	
Alternator model	HCI5E	
P.R.P. Power	610.0	kVA
L.T.P. Power	665.0	kVA
Connection	Series star	
Phases	3P+N	
Winding	12 terminals Winding 311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %

BASEFRAME

Model	GV151/00/00	
Standard tank	800	l
Optional tank	0	l
Oversized tank*	0	l

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.
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.