

GALAXY "GX"


For illustrative purposes only

ENGINE

Engine brand	DOOSAN
Engine model	DP158LDF
Cylinders	8
Speed	1500 r.p.m.
Cubic capacity	14.62 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	1-14
BMEP	2530 kPa
Cooling	Water
Flywheel P.R.P. Power	448.0 kW
Flywheel Stand-by Power	494.0 kW
Fuel Cons. at 100% (L.T.P.)	0.0 l/h
Fuel Cons. at 100% (P.R.P.)	115.1 l/h
Fuel Cons. at 75% (P.R.P.)	83.4 l/h
Fuel Cons. at 50% (P.R.P.)	55.1 l/h
Fuel Cons. at 25% (P.R.P.)	30.3 l/h
Electronic regulator	Standard
Precision class	G3
Oil quantity	24.0 l
Engine Antifreeze capacity	59.0 l
Radiator type	Tropical
Heat from radiator	300.0 kW
Heat from exhaust	450.0 kW
Heat from radiation	46.0 kW
Exhaust temperature	561 °C
Cooling air flow	700.00 m ³ /min
Combustion air flow	33.10 m ³ /min
Exhaust gas flow	98.00 m ³ /min
TA Luft	Not available
TA Luft/2	Not available
EPA	Not available
Stage	Not available

MAIN DATA

Continuous power (PRP)	525.0 (kVA)
Continuous power (PRP)	420.0 (kW)
Stand-by power (LTP)	580.0 (kVA)
Stand-by power (LTP)	464.0 (kW)
Voltage • Frequency • Power Factor	400V • 50Hz • 0.8 cosφ
Sound pressure 7 m.	71.0 dBA

DIMENSIONS AND WEIGHT

Width	1600 mm
Length	4810 mm
Height	2460 mm
Weight	5130 kg

ALTERNATOR

Alternator brand	STAMFORD
Alternator model	HCI5D
P.R.P. Power	550.0 kVA
L.T.P. Power	590.0 kVA
Connection	Series star
Phases	3PH+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.