



# DS 505 GX

## TECHNICAL DATASHEET DS 505 GX



### GALAXY "GX"



For illustrative purposes only

### ENGINE

Description	DOOSAN
Engine model	DP158LDF
Cylinders	8
RPM speed	1800
Cubic capacity	14.62 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	1-14
BMEP	2300 kPa
Cooling	Water
Flywheel P.R.P. Power net	482.0 kW
Flywheel Stand-by Power net	533.0 kW
Fuel Cons. at 100% (L.T.P.)	0.0 l/h
Fuel Cons. at 100% (P.R.P.)	127.1 l/h
Fuel Cons. at 75% (P.R.P.)	92.9 l/h
Fuel Cons. at 50% (P.R.P.)	62.3 l/h
Fuel Cons. at 25% (P.R.P.)	35.2 l/h
Electronic regulator	Standard
Precision class	G3
Oil quantity	24.0 l
Engine Antifreeze capacity	59.0 l
Radiator type	TR
Heat from radiator	328.0 kW
Heat from exhaust	492.0 kW
Heat from radiation	50.0 kW
Exhaust temperature	567 °C
Portata Raffreddamento	850.0 m³/min
Combustion air flow	36.6 m³/min
Exhaust gas flow	108.0 m³/min
TA Luft	N
TA Luft/2	N
EPA	N
Stage	N

### MAIN DATA

Continuous power (PRP)	<b>565.00</b> kVA
Continuous power (PRP)	<b>452.00</b> kW
Stand-by power (LTP)	<b>620.00</b> kVA
Stand-by power (LTP)	<b>496.00</b> kW
VAC - HZ - cos(fi)	<b>460 - 60 - 0.8</b>
Sound pressure 7 m.	<b>75</b> dBA

### DIMENSIONS AND WEIGHT

Width	1600 mm
Length	4810 mm
Height	2560 mm
Weight	5000 kg

### ALTERNATOR

Description	STAMFORD
Alternator model	HCI5C
P.R.P. Power	581 kVA
L.T.P. Power	631 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1 ± %

### 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 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.

