



# DS 745 GX

## TECHNICAL DATASHEET DS 745 GX



### GALAXY "GX"



For illustrative purposes only

### ENGINE

Description	DOOSAN
Engine model	DP222LCF
Cylinders	12
RPM speed	1500
Cubic capacity	21.93 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	1-14
BMEP	2390 kPa
Cooling	Water
Flywheel P.R.P. Power net	633.0 kW
Flywheel Stand-by Power net	699.0 kW
Fuel Cons. at 100% (L.T.P.)	172.8 l/h
Fuel Cons. at 100% (P.R.P.)	161.0 l/h
Fuel Cons. at 75% (P.R.P.)	119.1 l/h
Fuel Cons. at 50% (P.R.P.)	79.3 l/h
Fuel Cons. at 25% (P.R.P.)	42.1 l/h
Electronic regulator	Standard
Precision class	G3
Oil quantity	42.0 l
Engine Antifreeze capacity	23.0 l
Radiator type	TR
Heat from radiator	406.0 kW
Heat from exhaust	609.0 kW
Heat from radiation	62.0 kW
Exhaust temperature	502 °C
Portata Raffreddamento	860.0 m³/min
Combustion air flow	45.0 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>750.00</b> kVA
Continuous power (PRP)	<b>600.00</b> kW
Stand-by power (LTP)	<b>830.00</b> kVA
Stand-by power (LTP)	<b>664.00</b> kW
VAC - HZ - cos(fi)	<b>400 - 50 - 0.8</b>
Sound pressure 7 m.	<b>77</b> dBA

### DIMENSIONS AND WEIGHT

Width	1860 mm
Length	5520 mm
Height	2570 mm
Weight	5820 kg

### ALTERNATOR

Description	STAMFORD
Alternator model	S6L1D-C
P.R.P. Power	810 kVA
L.T.P. Power	860 kVA
Connection	Star
Phases	3FN
Winding	312
Terminal Number	6 nr.
IP Protection	23
Electronic regulator	MX322
Precision	0.5 ± %

### BASEFRAME

Model	GV201
Standard tank	950 l
Optional tank	120 l
Oversized tank*	0 l

### CANOPY & SILENCER

Canopy model	GV201/00/1
Silencer model	MSR/a 150
Silencer outlet diameter	168 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.

