DS 300 GX

GALAXY “GX”

For illustrative purposes only

ENGINE

Description	DOOSAN	
Engine model	P126TI-II	
Cylinders	6	
RPM speed	1500	
Cubic capacity	11.05	l
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	1-14	
BMEP	1911	kPa
Cooling	Water	
Flywheel P.R.P. Power net	258.0	kW
Flywheel Stand-by Power net	287.0	kW
Fuel Cons. at 100% (L.T.P.)	77.6	l/h
Fuel Cons. at 100% (P.R.P)	63.1	l/h
Fuel Cons. at 75% (P.R.P.)	47.0	l/h
Fuel Cons. at 50% (P.R.P.)	31.3	l/h
Fuel Cons. at 25% (P.R.P.)	16.9	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	26.0	l
Engine Antifreeze capacity	19.0	l
Radiator type	TE	
Heat from radiator	155.5	kW
Heat from exhaust	254.0	kW
Heat from radiation	35.0	kW
Exhaust temperature	590	°C
Portata Raffreddamento	0.0	m³/min
Combustion air flow	20.1	m³/min
Exhaust gas flow	47.4	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

MAIN DATA

Continuous power (PRP)	**300.00**	kVA
Continuous power (PRP)	**240.00**	kW
Stand-by power (LTP)	**330.00**	kVA
Stand-by power (LTP)	**264.00**	kW
VAC - HZ - cos(fi)	**380 - 50 - 0.8**	
Sound pressure 7 m.	**71**	dBA

DIMENSIONS AND WEIGHT

Width	1350	mm
Length	4270	mm
Height	2370	mm
Weight	3330	kg

ALTERNATOR

Description	MECC ALTE	
Alternator model	ECO38-2LN/4	
P.R.P. Power	300	kVA
L.T.P. Power	330	kVA
Connection	Series star	
Phases	3FN	
Winding	12STD	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	DSR	
Precision	1	± %

BASEFRAME

Model	GV121	
Standard tank	500	l
Optional tank	0	l
Oversized tank*	0	l

CANOPY & SILENCER

Canopy model	GV121/00/1	
Silencer model	MSR/a 100	
Silencer outlet diameter	114	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.