TECHNICAL DATASHEET DS 300 GX



DS 300 GX





GALAXY "GX"



ENGINE	

ENGINE		
Description	HYUNDAI(DOOSAN)	
Engine model	P126TI-II	
Cylinders	6	
RPM speed	1500	
Cubic capacity	11.05	1
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	1-14	
ВМЕР	1911	kPa
Cooling	Water	
Flywheel P.R.P. Power net	258.0	kW
Flywheel E.P. Power net	287.0	kW
Fuel Cons. at 100% (E.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	1
Engine Antifreeze capacity	19.0	I
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
Cooling air flow	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)	302.00 kVA
Continuous power (PRP)	241.60 kW
Emergency power (E.P.)	335.00 kVA
Emergency power (E.P.)	268.00 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	71.0 dBA

DIMENSIONS AND WEIGHT		
Width	1350	mm
Length	4270	mm
Height	2370	mm
Weight	3520	kg

	ALTERNATOR			
	Description	STAMFORD		
	Alternator model	S4L1D-D		
	P.R.P. Power	310.0	kVA	
	E.P. Power	340.0	kVA	
	Connection	Series star		
	Phases	3FN		
	Winding	311		
	Terminal Number	12	nr.	
	IP Protection	23		
	Electronic regulator	AS440		
	Precision	1.0	± %	

BASEFRAME	
Model	GV121
Standard tank	500 I
Optional tank	0 1
Oversized tank*	0

CANOPY & SILENCER		
Canopy model	GV121/00/1	
Silencer model	MSR/a 100	
Silencer outlet diameter	114.0	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. E.P. - Emergency power: This is the maximum power that a generating set can deliver for a limited number of hours per year while complying with the maintenance frequency stipulated under the environmental conditions set by the Manufacturer. The number of hours per year is determined by the engine manufacturer. The average power output over time must be lower than the percentages set by the engine manufacturer. Overloading is not allowed.

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.