GALAXY - DS 685 GX

GALAXY “GX”



For illustrative purposes only

ENGINE

Engine brand	DOOSAN	
Engine model	DP222LBF	
Cylinders	12	
Speed	1500	r.p.m.
Cubic capacity	21.93	l
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	1-14	
BMEP	2200	kPa
Cooling	Water	
Flywheel P.R.P. Power	580.0	kW
Flywheel Stand-by Power	640.0	kW
Fuel Cons. at 100% (L.T.P.)	162.7	l/h
Fuel Cons. at 100% (P.R.P)	147.1	l/h
Fuel Cons. at 75% (P.R.P.)	109.2	l/h
Fuel Cons. at 50% (P.R.P.)	73.0	l/h
Fuel Cons. at 25% (P.R.P.)	39.2	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	42.0	l
Engine Antifreeze capacity	114.0	l
Radiator type	Temperate	
Heat from radiator	435.0	kW
Heat from exhaust	602.0	kW
Heat from radiation	61.0	kW
Exhaust temperature	481	°C
Cooling air flow	860.00	m³/min
Combustion air flow	42.20	m³/min
Exhaust gas flow	101.00	m³/min
TA Luft	Not available	
TA Luft/2	Not available	
EPA	Not available	
Stage	Not available	

MAIN DATA

Continuous power (PRP)	670.0	(kVA)
Continuous power (PRP)	536.0	(kW)
Stand-by power (LTP)	738.0	(kVA)
Stand-by power (LTP)	590.4	(kW)
Voltage • Frequency • Power Factor	**400V •50Hz • 0.8 cosφ**	

DIMENSIONS AND WEIGHT

Width	1860	mm
Length	5520	mm
Height	2540	mm
Weight	5510	kg

ALTERNATOR

Alternator brand	STAMFORD	
Alternator model	HCI5F	
P.R.P. Power	670.0	kVA
L.T.P. Power	738.0	kVA
Connection	Series star	
Phases	3P+N	
Winding	12 terminals Winding 311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %

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	168.0	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.

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.