TECHNICAL DATASHEET D 100 GX

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GALAXY “GX”



For illustrative purposes only

ENGINE

Description	DEUTZ	
Engine model	BF4M1013EC	
Cylinders	4	
RPM speed	1800	
Cubic capacity	4.80	l
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage	24	Vdc
Sae	3-11	
BMEP	1539	kPa
Cooling	Water	
Flywheel P.R.P. Power net	97.7	kW
Flywheel Stand-by Power net	102.7	kW
Fuel Cons. at 100% (L.T.P.)	27.5	l/h
Fuel Cons. at 100% (P.R.P)	26.0	l/h
Fuel Cons. at 75% (P.R.P.)	19.9	l/h
Fuel Cons. at 50% (P.R.P.)	14.4	l/h
Fuel Cons. at 25% (P.R.P.)	9.2	l/h
Electronic regulator	On request	
Precision class	A1	
Oil quantity	13.0	l
Engine Antifreeze capacity	7.2	l
Radiator type	TR	
Heat from radiator	73.3	kW
Heat from exhaust	79.5	kW
Heat from radiation	0.0	kW
Exhaust temperature	475	°C
Portata Raffreddamento	108.0	m³/min
Combustion air flow	0.0	m³/min
Exhaust gas flow	20.0	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

MAIN DATA

Continuous power (PRP)	**111.00**	kVA
Continuous power (PRP)	**88.80**	kW
Stand-by power (LTP)	**117.00**	kVA
Stand-by power (LTP)	**93.60**	kW
VAC - HZ - cos(fi)	**208 - 60 - 0.8**	

DIMENSIONS AND WEIGHT

Width	1040	mm
Length	2560	mm
Height	1805	mm
Weight	1540	kg

ALTERNATOR

Description	STAMFORD	
Alternator model	UCI274C	
P.R.P. Power	112.5	kVA
L.T.P. Power	120	kVA
Connection	Parallel star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1	± %

BASEFRAME

Model	GV060HD	
Standard tank	160	l
Optional tank	70	l
Oversized tank*	800	l

CANOPY & SILENCER

Canopy model	GV060	
Silencer model	MSR/a 65	
Silencer outlet diameter	76	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.