TECHNICAL DATASHEET

GALAXY - JD 120 GX

GALAXY “GX”

For illustrative purposes only

ENGINE

Engine brand	JOHN DEERE	
Engine model	6068TF258	
Cylinders	6	
Speed	1500	r.p.m.
Cubic capacity	6.80	l
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage		Vdc
Sae	3-11½	
BMEP	1282	kPa
Cooling	Water	
Flywheel P.R.P. Power	105.0	kW
Flywheel Stand-by Power	115.0	kW
Fuel Cons. at 100% (L.T.P.)	30.2	l/h
Fuel Cons. at 100% (P.R.P)	27.1	l/h
Fuel Cons. at 75% (P.R.P.)	20.5	l/h
Fuel Cons. at 50% (P.R.P.)	14.2	l/h
Fuel Cons. at 25% (P.R.P.)	7.7	l/h
Electronic regulator	On request	
Precision class	A1	
Oil quantity	19.0	l
Engine Antifreeze capacity	11.3	l
Radiator standard	IM50	
Heat from radiator	66.0	kW
Heat from exhaust	98.0	kW
Heat from radiation	14.0	kW
Exhaust temperature	540	°C
Cooling air flow	150.00	m³/min
Combustion air flow	8.10	m³/min
Exhaust gas flow	17.40	m³/min
TA Luft	Standard	
TA Luft/2	Not available	
EPA	Not available	
Stage	Not available	

MAIN DATA

Continuous power (PRP)	120.0	(kVA)
Continuous power (PRP)	96.0	(kW)
Stand-by power (LTP)	130.0	(kVA)
Stand-by power (LTP)	104.0	(kW)
Voltage • Frequency • Power Factor	**400V •50Hz • 0.8 cosφ**	
Sound pressure 7 m.	67.0	dBA

DIMENSIONS AND WEIGHT

Width	1140	mm
Length	3060	mm
Height	2230	mm
Weight	2000	kg

ALTERNATOR

Alternator brand	STAMFORD	
Alternator model	UCI274D	
P.R.P. Power	120.0	kVA
L.T.P. Power	130.0	kVA
Connection	Series star	
Phases	3PH+N	
Winding	12 terminals Winding 311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	SX460	
Precision	1.5	± %

BASEFRAME

Model	GV100HD	
Standard tank	360	l
Optional tank	120	l
Oversized tank*	800	l

CANOPY & SILENCER

Canopy model	GV100	
Silencer model	MSR/a 80	
Silencer outlet diameter	89.0	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.