GALAXY - F 83 GX

GALAXY “GX”

STAGE IIIA COMPLIANT



For illustrative purposes only

ENGINE

Engine brand	FPT IVECO	
Engine model	N45TE1F	
Cylinders	4	
Speed	1500	r.p.m.
Cubic capacity	4.50	l
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage		Vdc
Sae	3-11«	
BMEP	1777	kPa
Cooling	Water	
Flywheel P.R.P. Power	72.7	kW
Flywheel Stand-by Power	80.2	kW
Fuel Cons. at 100% (L.T.P.)	20.5	l/h
Fuel Cons. at 100% (P.R.P)	18.8	l/h
Fuel Cons. at 75% (P.R.P.)	15.7	l/h
Fuel Cons. at 50% (P.R.P.)	11.5	l/h
Electronic regulator	Standard	
Precision class	G2	
Oil quantity	12.8	l
Engine Antifreeze capacity	18.5	l
Radiator type	Tropical	
Heat from radiator	48.4	kW
Heat from exhaust	57.4	kW
Heat from radiation	7.7	kW
Exhaust temperature	430	°C
Cooling air flow	132.00	m³/min
Combustion air flow	8.00	m³/min
Exhaust gas flow	17.00	m³/min
TA Luft	Not available	
TA Luft/2	Not available	
EPA	Not available	
Stage	Stage 3	

MAIN DATA

Continuous power (PRP)	83.0	(kVA)
Continuous power (PRP)	66.4	(kW)
Stand-by power (LTP)	90.8	(kVA)
Stand-by power (LTP)	72.6	(kW)
Voltage • Frequency • Power Factor	**400V •50Hz • 0.8 cosφ**	

DIMENSIONS AND WEIGHT

Width	1040	mm
Length	2560	mm
Height	1820	mm
Weight	1600	kg

ALTERNATOR

Alternator brand	STAMFORD	
Alternator model	UCI224G	
P.R.P. Power	85.0	kVA
L.T.P. Power	90.8	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	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	76.0	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.