## **TECHNICAL DATASHEET P 450 GX**



## P 450 GX





## **GALAXY "GX"**



For	IIIUSTI	ative	purposes	only

ENGINE		
Description	PERKINS	
Engine model	2506A-E15TAG1	
Cylinders	6	
RPM speed	1800	
Cubic capacity	15.20	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	1/2-14	
BMEP	2036	kPa
Cooling	Water	
Flywheel P.R.P. Power net	435.0	kW
Flywheel E.P. Power net	490.0	kW
Fuel Cons. at 100% (E.P.)	116.0	l/h
Fuel Cons. at 100% (P.R.P)	102.0	l/h
Fuel Cons. at 75% (P.R.P.)	78.0	l/h
Fuel Cons. at 50% (P.R.P.)	53.0	l/h
Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	62.0	I
Engine Antifreeze capacity	58.0	I
Radiator type	TR	
Heat from radiator	143.0	kW
Heat from exhaust	310.0	kW
Heat from radiation	30.5	kW
Exhaust temperature	550	°C
Cooling air flow	866.0	m³/min
Combustion air flow	34.3	m³/min
Exhaust gas flow	96.0	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

MAIN DATA	
Continuous power (PRP)	<b>500.00</b> kVA
Continuous power (PRP)	<b>400.00</b> kW
Emergency power (E.P.)	<b>563.00</b> kVA
Emergency power (E.P.)	<b>450.40</b> kW
VAC - HZ - cos(fi)	208 - 60 - 0.8
Sound pressure 7 m.	<b>75.0</b> dBA

DIMENSIONS AND WEIGHT	
Width	1600 mm
Length	4310 mm
Height	2560 mm
Weight	5140 kg

ALTERNATOR			
Description	STAMFORD		
Alternator model	S4L1D-G		
P.R.P. Power	500.0	kVA	
E.P. Power	565.0	kVA	
Connection	Parallel star		
Phases	3FN		
Winding	311		
Terminal Number	12	nr.	
IP Protection	23		
Electronic regulator	AS440		
Precision	1.0	± %	

BASEFRAME	
Model	GV151/00/00
Standard tank	800 I
Optional tank	0 1
Oversized tank*	1800 I

CANOPY & SILENCER	
Canopy model	GV151
Silencer model	MSR/a 125
Silencer outlet diameter	140.0 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.