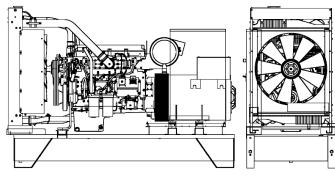
# **TECHNICAL DATASHEET P 600 B**





## **POWERFULL "B"**



MAIN DATA	
Continuous power (PRP)	625.00 kVA
Continuous power (PRP)	500.00 kW
Emergency power (E.P.)	687.00 kVA
Emergency power (E.P.)	549.60 kW
VAC - HZ - cos(fi)	208 - 60 - 0.8

### **DIMENSIONS AND WEIGHT**

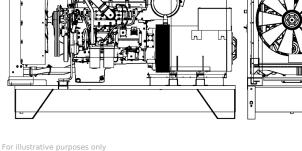
Width	1536	mm
Length	3500	mm
Height	2275	mm
Weight	4670	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	HCI5F	
P.R.P. Power	738.0	kVA
E.P. Power	806.0	kVA
Connection	Parallel star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %
BASEFRAME		
Model	T3	
Standard tank	900	I
Optional tank	0	1
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 35	

168.0 mm Silencer outlet diameter

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 bisortional. Fuel consumption is nonlinear and release to specific weight operations, so the 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:** 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 r	refers to the star	ndard equipped model	and is not binding.	Visa S.p.A. re	eserves the
right to revise the information without notion	ce per our policy	/ of continuous product	development and i	mprovement	



P 600 B

#### ENGINE

ENGINE		
Description	PERKINS	
Engine model	2806A-E18TAG1A	
Cylinders	6	
RPM speed	1800	
Cubic capacity	18.13	
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	0-18	
BMEP	2087	kPa
Cooling	Water	
Flywheel P.R.P. Power net	543.0	kW
Flywheel E.P. Power net	598.0	kW
Fuel Cons. at 100% (E.P.)	141.0	l/h
Fuel Cons. at 100% (P.R.P)	127.0	l/h
Fuel Cons. at 75% (P.R.P.)	95.0	l/h
Fuel Cons. at 50% (P.R.P.)	66.0	l/h
Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	62.0	
Engine Antifreeze capacity	0.0	1
Radiator type	TR	
Heat from radiator	166.0	kW
Heat from exhaust	441.0	kW
Heat from radiation	40.0	kW
Exhaust temperature	481	°C
Portata Raffreddamento	852.0	m³/min
Combustion air flow	43.0	m³/min
Exhaust gas flow	109.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

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Visa S.p.A. s.u. is subject to management and coordination of IPG S.p.A., via dei Mercanti 12 - Milano Company registration Office n. 12616930967