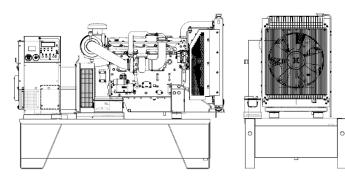


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POWERFULL "B"



MAIN DATA	
Continuous power (PRP)	170.00 KVA
Continuous power (PRP)	136.00 kW
Emergency power (E.P.)	187.00 KVA
Emergency power (E.P.)	149.60 kW
VAC - HZ - cos(fi)	380 - 60 - 0.8

DIMENSIONS AND WEIGHT

Width	1090	mm
Length	2350	mm
Height	1730	mm
Weight	1700	kg

ALTERNATOR			
Description	STAMFORD		
Alternator model	UCI274G		
P.R.P. Power	180.0	kVA	
E.P. Power	194.0	kVA	
Connection	Series star		
Phases	3FN		
Winding	311		
Terminal Number	12	nr.	
IP Protection	23		
Electronic regulator	AS440		
Precision	1.0	± %	
BASEFRAME			
Model	T2		
Standard tank	520	I	
Optional tank	0	I	
Oversized tank*	0		
CANOPY & SILENCER			
Canopy model	SENZA COFANO		
Silencer model	MS 20		

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 IS08528-1. 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. He 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
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For illustrative purposes only

ENGINE

Description	PERKINS	
Engine model	1106A-70TAG2	
Cylinders	6	
RPM speed	1800	
Cubic capacity	7.01	I
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage	24	Vdc
Sae	3-111/2	
BMEP	1478	kPa
Cooling	Water	
Flywheel P.R.P. Power net	147.4	kW
Flywheel E.P. Power net	163.8	kW
Fuel Cons. at 100% (E.P.)	41.7	l/h
Fuel Cons. at 100% (P.R.P)	38.2	l/h
Fuel Cons. at 75% (P.R.P.)	29.1	l/h
Fuel Cons. at 50% (P.R.P.)	19.1	l/h
Fuel Cons. at 25% (P.R.P.)	11.0	l/h
Electronic regulator	On request	
Precision class	G2	
Oil quantity	16.5	I
Engine Antifreeze capacity	9.5	I
Radiator type	TR	
Heat from radiator	112.7	kW
Heat from exhaust	120.6	kW
Heat from radiation	12.3	kW
Exhaust temperature	407	°C
Portata Raffreddamento	245.0	m³/min
Combustion air flow	15.0	m³/min
Exhaust gas flow	32.3	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

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