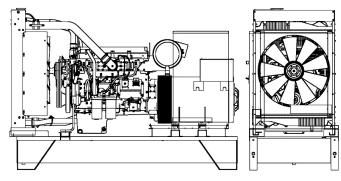
TECHNICAL DATASHEET V 253 B





POWERFULL "B"



V 253 B

MAIN DATA	
Continuous power (PRP)	250.00 kVA
Continuous power (PRP)	200.00 kW
Emergency power (E.P.)	275.00 kVA
Emergency power (E.P.)	220.00 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8

DIMENSIONS AND WEIGHT

Width	1120	mm
Length	2650	mm
Height	1900	mm
Weight	2100	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	UCDI274K	
P.R.P. Power	250.0	kVA
E.P. Power	275.0	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 25	

Silencer model	MS 25	
Silencer outlet diameter	114.0	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.

Stage		3				
The dat	a contained in this document is nominal and	refers to the st	andard equipped	model and is not binding.	. Visa S.p.A. reserve	es the
	right to revise the information without not	ce ner our noli	cy of continuous n	roduct development and	improvement	

For illustrative purposes only

ENGINE

ENGINE		
Description	VOLVO-PENTA	
Engine model	TAD754GE	
Cylinders	6	
RPM speed	1500	
Cubic capacity	7.15	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	2-111/2	
BMEP	2800	kPa
Cooling	Water	
Flywheel P.R.P. Power net	219.2	kW
Flywheel E.P. Power net	242.2	kW
Fuel Cons. at 100% (E.P.)	59.8	l/h
Fuel Cons. at 100% (P.R.P)	57.0	l/h
Fuel Cons. at 75% (P.R.P.)	45.8	l/h
Fuel Cons. at 50% (P.R.P.)	31.9	l/h
Fuel Cons. at 25% (P.R.P.)	17.2	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	34.0	I
Engine Antifreeze capacity	10.0	I
Radiator type	TR	
Heat from radiator	133.0	kW
Heat from exhaust	152.0	kW
Heat from radiation	25.0	kW
Exhaust temperature	515	°C
Portata Raffreddamento	228.0	m³/min
Combustion air flow	240.0	m³/min
Exhaust gas flow	40.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	3	

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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