TECHNICAL DATASHEET V 450 B



V 450 B





POWERFULL "B"

For illustrative purposes only

ENGINE Description

Engine model

Cubic capacity

Standard voltage

Optional voltage

Flywheel P.R.P. Power net

Flywheel Stand-by Power net

Fuel Cons. at 100% (L.T.P.)

Fuel Cons. at 100% (P.R.P)

Fuel Cons. at 75% (P.R.P.)

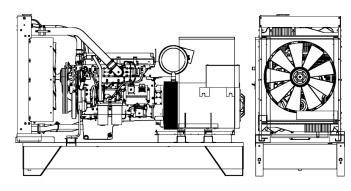
Cylinders RPM speed

Air intake

Sae

BMEP

Cooling



VOLVO-PENTA

TAD1345GE

Turbocharged

6

1500

12.78 L

24 Vdc

1-14

2500

Water

388.0

431.0 kW

100.6 l/h

90.5 l/h

68.2 l/h

Vdc

kPa

kW

MAIN DATA	
Continuous power (PRP)	430.00 kVA
Continuous power (PRP)	344.00 kW
Stand-by power (LTP)	475.00 KVA
Stand-by power (LTP)	380.00 kW
VAC - HZ - cos(fi)	380 - 50 - 0.8

DIMENSIONS AND WEIGHT

Width	1280	mm
Length	3220	mm
Height	2020	mm
Weight	3250	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S4L1D-G	
P.R.P. Power	430	kVA
L.T.P. Power	475	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1	± %
BASEFRAME		
Model	T3	
Standard tank	900	I
Optional tank	0	I
Oversized tank*	0	
CANOPY & SILENCER		
Canopy model	SENZA COFANO	

Canopy model	SENZA COFANO
Silencer model	MS 30
Silencer outlet diameter	140 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. LT.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 150 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

Fuel Cons. at 50% (P.R.P.)	46.0	l/h
Fuel Cons. at 25% (P.R.P.)	25.1	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	36.0	1

Oil quantity	36.0	
Engine Antifreeze capacity	0.0	I
Radiator type	TR	
Heat from radiator	145.0	kW
Heat from exhaust	268.0	kW
Heat from radiation	15.0	kW
Exhaust temperature	475	°C
Portata Raffreddamento	0.0	m³/min
Combustion air flow	26.8	m³/min
Exhaust gas flow	0.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	2	

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.

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