TECHNICAL DATASHEET P 450 B





POWERFULL "B"

For illustrative purposes only

ENGINE Description

Engine model

Cylinders

RPM speed Cubic capacity

Air intake

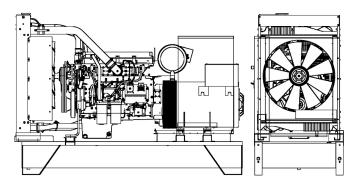
Sae

BMEP

Cooling

Standard voltage

Optional voltage



PERKINS

6

1500

15.20 I

24 Vdc

1/2-14

2235

Water

389.3

428.3 kW

Vdc

kPa

kW

2506A-E15TAG1

Turbocharged

P 450 B

MAIN DATA		
Continuous power (PRP)	450.00	kVA
Continuous power (PRP)	360.00	kW
Emergency power (E.P.)	500.00	kVA
Emergency power (E.P.)	400.00	kW
VAC - HZ - cos(fi)	400 - 50 - 0.8	

DIMENSIONS AND WEIGHT

Width	1260	mm
Length	3400	mm
Height	2200	mm
Weight	4000	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S4L1D-G	
P.R.P. Power	450.0	kVA
E.P. Power	500.0	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1.0	± %
BASEFRAME		
Model	Т3	
Standard tank	900	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	

callopy model	SENZA COLANO
Silencer model	MS 35
Silencer outlet diameter	168.0 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.

Flywheel P.R.P. Power net Flywheel E.P. Power net Fuel Cons. at 100% (E.P.)

nymieer En nower nee	120.5	
Fuel Cons. at 100% (E.P.)	104.0	l/h
Fuel Cons. at 100% (P.R.P)	95.0	l/h
Fuel Cons. at 75% (P.R.P.)	72.0	l/h
Fuel Cons. at 50% (P.R.P.)	50.0	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	134.0	kW
Heat from exhaust	286.0	kW
Heat from radiation	27.2	kW
Exhaust temperature	550	°C
Portata Raffreddamento	722.0	m³/min
Combustion air flow	25.8	m³/min
Exhaust gas flow	71.4	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	N	

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.

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