TECHNICAL DATASHEET P 450 B





WWW

POWERFULL "B"

For illustrative purposes only

ENGINE Description

Cylinders

RPM speed Cubic capacity

Air intake Standard voltage

Sae

BMEP

Cooling

Optional voltage

Flywheel P.R.P. Power net

Flywheel Stand-by Power net

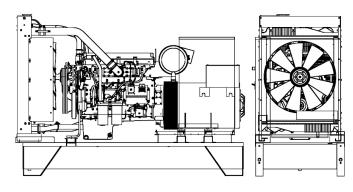
Fuel Cons. at 100% (L.T.P.)

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

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

Fuel Cons. at 50% (P.R.P.)

Engine model



PERKINS

6 1500

15.20 I

24 Vdc

-14

2197

Water

396.0 kW

435.0 kW

109.0 l/h

99.0 l/h

73.0 l/h

51.0 l/h

Vdc

kPa

2506C-E15TAG1

Turbocharged

P 450 B

MAIN DATA	
Continuous power (PRP)	450.00 kVA
Continuous power (PRP)	360.00 kW
Stand-by power (LTP)	500.00 kVA
Stand-by power (LTP)	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

Description	STAMFORD	
Alternator model	S4L1D-G	
P.R.P. Power	450	kVA
L.T.P. Power	500	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1	± %
BASEFRAME		
Model	Т3	
Standard tank	900	I
Optional tank	0	I
Oversized tank*	0	I

Canopy model	SENZA COFANO
Silencer model	MS 35
Silencer outlet diameter	168 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. L.T.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. Overload is not permitted.

			Standard tank	
Fuel Cons. at 25% (P.R.P.)	0.0	l/h	Optional tank	
Electronic regulator	Standard		Oversized tank*	
Precision class	G3			
Oil quantity	62.0	I	CANOPY & S	
Engine Antifreeze capacity	0.0	1	Canopy model	
Radiator type	TR		Silencer model	
Heat from radiator	163.0	kW	Silencer outlet di	
Heat from exhaust	327.0	kW	Standard reference cor atmospheric pressure	
Heat from radiation	32.2	kW	distortional. Fuel com power values refer to Dimensions, weights related attachments a equipment; any opt dimensions, performa	
Exhaust temperature	550	°C		
Portata Raffreddamento	722.0	m³/min		
Combustion air flow	33.0	m³/min	P.R.P. Prime Power-O supply in continuous se	
Exhaust gas flow	85.0	m³/min	while respecting the r stated by the Manufact	
TA Luft	Ν		and any applicable ove L.T.P. Limited-time r	
TA Luft/2	Ν		can supply for a lim environmental conditi	
EPA	Ν		of hours per year is sta	
Stage	2			
The data contained in this document is nom right to revise the information with				

he 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