## **TECHNICAL DATASHEET F 301 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.)

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

Fuel Cons. at 25% (P.R.P.)

Cylinders RPM speed

Air intake

Sae

BMEP

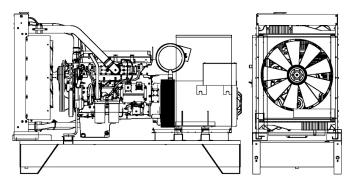
Cooling

TA Luft

EPA

Stage

TA Luft/2



FPT IVECO

Turbocharged

C87TE4

1500

8.70 L

24 Vdc

1-14

Water

275.0 kW

299.0 kW

72.4 l/h

66.6 l/h

49.3 l/h

37.3 l/h

0.0 l/h

Ν

Ν

Ν

Ν

0 kPa

Vdc

MAIN DATA	
Continuous power (PRP)	300.00 kVA
Continuous power (PRP)	240.00 kW
Stand-by power (LTP)	330.00 kVA
Stand-by power (LTP)	264.00 kW
VAC - HZ - cos(fi)	415 - 50 - 0.8

## **DIMENSIONS AND WEIGHT**

Width	1250	mm
Length	3000	mm
Height	1960	mm
Weight	2550	kg

ALTERNATOR		
Description	MECC ALTE	
Alternator model	ECO38-2LN/4	
P.R.P. Power	300	kVA
L.T.P. Power	330	kVA
Connection	Series star	
Phases	3FN	
Winding	12STD	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	DSR	
Precision	1	± %
BASEFRAME		
Model	T3	
Standard tank	900	I
Optional tank	0	1
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	

Canopy model	SENZA COFANO	
Silencer model	MS 25	
Silencer outlet diameter	114	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. **L.T.P. Limited-time running power-Limited power:** The maximum power that a genset of hours per year is stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

				Optiona
	Electronic regulator	Standard		Oversiz
	Precision class	G3		
	Oil quantity	28.0	I	CANC
	Engine Antifreeze capacity	15.0	1	Canopy
	Radiator type	TR		Silence
	Heat from radiator	202.0	kW	Silence
	Heat from exhaust	238.0	kW	Standard atmosphe
	Heat from radiation	25.0	kW	distortion power val
	Exhaust temperature	488	°C	Dimension related at
	Portata Raffreddamento	340.0	m³/min	equipmen dimensior
	Combustion air flow	18.1	m³/min	P.R.P. Pr supply in
	Exhaust gas flow	49.4	m³/min	while res stated by

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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