



POWERFULL "B"



For illustrative purposes only

ENGINE

Description	PERKINS
Engine model	2806A-E18TAG1A
Cylinders	6
RPM speed	1800
Cubic capacity	18.13 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	0-18
BMEP	2087 kPa
Cooling	Water
Flywheel P.R.P. Power net	543.0 kW
Flywheel Stand-by Power net	598.0 kW
Fuel Cons. at 100% (L.T.P.)	141.0 l/h
Fuel Cons. at 100% (P.R.P.)	127.0 l/h
Fuel Cons. at 75% (P.R.P.)	95.0 l/h
Fuel Cons. at 50% (P.R.P.)	66.0 l/h
Fuel Cons. at 25% (P.R.P.)	0.0 l/h
Electronic regulator	Standard
Precision class	G3
Oil quantity	62.0 l
Engine Antifreeze capacity	0.0 l
Radiator type	TR
Heat from radiator	166.0 kW
Heat from exhaust	441.0 kW
Heat from radiation	40.0 kW
Exhaust temperature	481 °C
Portata Raffreddamento	852.0 m³/min
Combustion air flow	43.0 m³/min
Exhaust gas flow	109.0 m³/min
TA Luft	N
TA Luft/2	N
EPA	N
Stage	N

MAIN DATA

Continuous power (PRP)	625.00 kVA
Continuous power (PRP)	500.00 kW
Stand-by power (LTP)	687.00 kVA
Stand-by power (LTP)	549.60 kW
VAC - HZ - cos(fi)	208 - 60 - 0.8

DIMENSIONS AND WEIGHT

Width	1536 mm
Length	3500 mm
Height	2275 mm
Weight	4570 kg

ALTERNATOR

Description	MECC ALTE
Alternator model	ECO40-2L/4
P.R.P. Power	720 kVA
L.T.P. Power	778 kVA
Connection	Parallel star
Phases	3FN
Winding	12STD
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	DER-1
Precision	1 ± %

BASEFRAME

Model	T3
Standard tank	900 l
Optional tank	0 l
Oversized tank*	0 l

CANOPY & SILENCER

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 according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

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.

