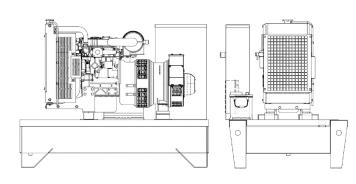


## **POWERFULL - P 105 B**





## **POWERFULL "B"**



For illustrative purposes only

ENGINE		
Engine brand	PERKINS	
Engine model	1104C-44TAG2	
Cylinders	4	
Speed	1500	r.p.m.
Cubic capacity	4.40	I
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage	24	Vdc
Sae	3-11«	
BMEP	1702	kPa
Cooling	Water	
Flywheel P.R.P. Power	89.0	kW
Flywheel Stand-by Power	97.9	kW
Fuel Cons. at 100% (L.T.P.)	24.9	l/h
Fuel Cons. at 100% (P.R.P)	22.6	l/h
Fuel Cons. at 75% (P.R.P.)	17.1	l/h
Fuel Cons. at 50% (P.R.P.)	11.2	l/h
Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	8.0	I
Engine Antifreeze capacity	7.0	I
Radiator type	Tropical	
Heat from radiator	46.1	kW
Heat from exhaust	71.7	kW
Heat from radiation	6.8	kW
Exhaust temperature	514	°C
Cooling air flow	165.60	m³/min
Combustion air flow	6.01	m³/min
Exhaust gas flow	15.20	m³/min
TA Luft	Not available	
TA Luft/2	Not available	
EPA	Not available	
Stage	Stage 2	

MAIN DATA	
Continuous power (PRP)	100.0 (kVA)
Continuous power (PRP)	80.0 (kW)
Stand-by power (LTP)	110.0 (kVA)
Stand-by power (LTP)	88.0 (kW)
Voltage • Frequency • Power Factor	400V •50Hz • 0.8 cosφ

DIMENSIONS AND WEIGHT		
Width	960	mm
Length	1925	mm
Height	1400	mm
Weight	1200	kg

ALTERNATOR	
Alternator brand	STAMFORD
Alternator model	UCI274C
P.R.P. Power	100.0 kVA
L.T.P. Power	110.0 kVA
Connection	Series star
Phases	3PH+N
Winding	12 terminals Winding 311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1.0 ± %

BASEFRAME	
Model	T1
Standard tank	160 I
Optional tank	0 1
Oversized tank*	0

CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 15	
Silencer outlet diameter	70.0	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

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.