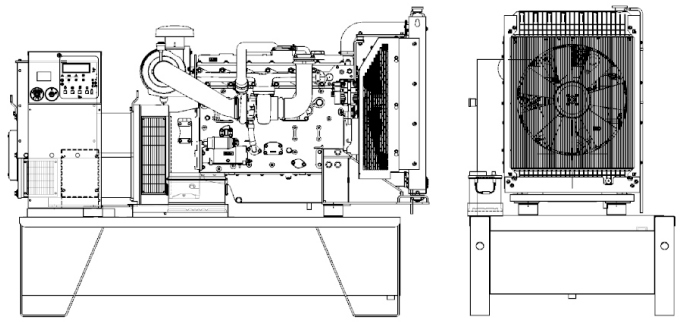
TECHNICAL DATASHEET P 252 B

P 252 B

POWERFULL “B”



For illustrative purposes only

ENGINE

Description	PERKINS	
Engine model	1206A-E70TTAG3	
Cylinders	6	
RPM speed	1500	
Cubic capacity	7.01	l
Air intake	Turbocharged	
Standard voltage	12	Vdc
Optional voltage		Vdc
Sae	2-11	
BMEP	2582	kPa
Cooling	Water	
Flywheel P.R.P. Power net	217.2	kW
Flywheel Stand-by Power net	239.6	kW
Fuel Cons. at 100% (L.T.P.)	64.5	l/h
Fuel Cons. at 100% (P.R.P)	56.9	l/h
Fuel Cons. at 75% (P.R.P.)	41.5	l/h
Fuel Cons. at 50% (P.R.P.)	28.1	l/h
Fuel Cons. at 25% (P.R.P.)	15.4	l/h
Electronic regulator	Standard	
Precision class	G2	
Oil quantity	16.0	l
Engine Antifreeze capacity	13.7	l
Radiator type	TR	
Heat from radiator	181.4	kW
Heat from exhaust	281.6	kW
Heat from radiation	0.0	kW
Exhaust temperature	516	°C
Portata Raffreddamento	265.2	m³/min
Combustion air flow	15.7	m³/min
Exhaust gas flow	33.7	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

MAIN DATA

Continuous power (PRP)	**250.00**	kVA
Continuous power (PRP)	**200.00**	kW
Stand-by power (LTP)	**275.00**	kVA
Stand-by power (LTP)	**220.00**	kW
VAC - HZ - cos(fi)	**380 - 50 - 0.8**	

DIMENSIONS AND WEIGHT

Width	1120	mm
Length	2480	mm
Height	2000	mm
Weight	1950	kg

ALTERNATOR

Description	STAMFORD	
Alternator model	UCDI274K	
P.R.P. Power	250	kVA
L.T.P. Power	275	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1	± %

BASEFRAME

Model	T2	
Standard tank	520	l
Optional tank	0	l
Oversized tank*	0	l

CANOPY & SILENCER

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