## **TECHNICAL DATASHEET BD 1000 U**

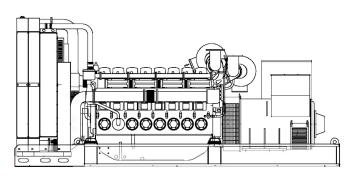


**BD 1000 U** 





## **POWERFULL "U"**



For illustrative purposes only

## ENGINE

LINGINE		
Description	BAUDOUIN	
Engine model	12M26G1100/5	
Cylinders	12	
RPM speed	1500	
Cubic capacity	31.80	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	0-18	
BMEP	2448	kPa
Cooling	Water	
Flywheel P.R.P. Power net	859.0	kW
Flywheel E.P. Power net	943.0	kW
Fuel Cons. at 100% (E.P.)	227.4	l/h
Fuel Cons. at 100% (P.R.P)	205.2	l/h
Fuel Cons. at 75% (P.R.P.)	154.0	l/h
Fuel Cons. at 50% (P.R.P.)	105.7	l/h
Fuel Cons. at 25% (P.R.P.)	57.8	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	114.0	I
Engine Antifreeze capacity	83.0	1
Radiator type	TE	
Heat from radiator	1299.0	kW
Heat from exhaust	0.0	kW
Heat from radiation	0.0	kW
Exhaust temperature	550	°C
Portata Raffreddamento	840.0	m³/min
Combustion air flow	68.9	m³/min
Exhaust gas flow	253.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

MAIN DATA	
Continuous power (PRP)	1000.00 kVA
Continuous power (PRP)	800.00 kW
Emergency power (E.P.)	<b>1100.00</b> kVA
Emergency power (E.P.)	880.00 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8

## **DIMENSIONS AND WEIGHT**

Width	2100	mm
Length	4100	mm
Height	2000	mm
Weight	6500	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	HCI6J	
P.R.P. Power	1030.0	kVA
E.P. Power	1110.0	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	MX322	
Precision	0.5	± %
BASEFRAME		
Model	ST60	
Standard tank	0	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 45	

 Silencer outlet diameter
 219.0 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

distortional. Fuel consumption is nominal and refers to use fig. Bulance toda 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. **E.P. - Bernergency power**: This is the maximum power that a generating set can deliver for a limited number of hours per year while complying with the maintenance frequency stipulated under the environmental conditions set by the Manufacturer. The number of hours per year by the maintenance frequency stipulated under the environmental conditions set by the manufacturer. The number of hours per year is determined by the engine manufacturer. The average power output over time must be lower than the percentages set by the engine manufacturer.

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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