## **TECHNICAL DATASHEET BD 1500 U**



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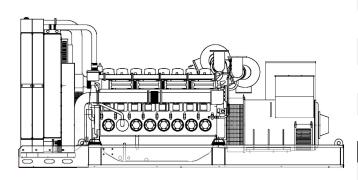




## POWERFULL "U"

For illustrative purposes only

ENGINE



MAIN DATA Continuous power (PRP) kVA 1500.00 Continuous power (PRP) 1200.00 kW kVA Stand-by power (LTP) 1650.00 Stand-by power (LTP) 1320.00 kW 400 - 50 - 0.8 VAC - HZ - cos(fi)

## **DIMENSIONS AND WEIGHT**

Description	BAUDOUIN		•
Engine model	12M33G1650/5		
Cylinders	12		ALTE
RPM speed	1500		Descrip
Cubic capacity	39.20	1	Alterna
Air intake	Turbocharged		P.R.P. P
Standard voltage	24	Vdc	L.T.P. P
Optional voltage		Vdc	Connec
Sae	0-18		Phases
BMEP	2959	kPa	Winding
Cooling	Water		Termina
Flywheel P.R.P. Power net	1350.0	kW	IP Prote
Flywheel Stand-by Power net	1450.0	kW	Electron
Fuel Cons. at 100% (L.T.P.)	354.2	l/h	Precisio
Fuel Cons. at 100% (P.R.P)	324.0	l/h	BASE
Fuel Cons. at 75% (P.R.P.)	234.2	l/h	Model
Fuel Cons. at 50% (P.R.P.)	156.1	l/h	Standar
Fuel Cons. at 25% (P.R.P.)	84.0	l/h	Optiona
Electronic regulator	Standard		Oversiz
Precision class	G3		0001312
Oil quantity	160.0	1	CANO
Engine Antifreeze capacity	83.0	1	Canopy
Radiator type	TE		Silence
Heat from radiator	2242.1	kW	Silence
Heat from exhaust	0.0	kW	Standard r atmospher
Heat from radiation	0.0	kW	distortiona power val
Exhaust temperature	550	°C	Dimensior related att
Portata Raffreddamento	1380.0	m³/min	equipment dimension
Combustion air flow	101.1	m³/min	P.R.P. Pri supply in
Exhaust gas flow	334.9	m³/min	while resp stated by
TA Luft	Ν		and any ap L.T.P. Lin
TA Luft/2	Ν		can suppl environme
EPA	Ν		of hours p
Stage	N		

ALTERNATOR		
Description	STAMFORD	
Alternator model	S7L1D-D	
P.R.P. Power	1650	kVA
L.T.P. Power	1770	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX341	
Precision	1	± %
BASEFRAME		
Model	ST60	
Standard tank	0	I
Optional tank	0	I
Oversized tank*	0	
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 45	
Silencer outlet diameter	219	mm

reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%. eric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non nal. Fuel consumption is nominal and refers to specific weight 0,850kg/l. Sound alues refer to free field conditions: the installation site may influence the values. ons, weights and other specifications contained in the technical data sheet and ttachments are nominal, subject to tolerances and refer to the model with standard nt; any optional and additional equipment/accessories can modify weight, ns, performance.

rime Power-Continuous power at variable load: The power that a genset can continuous service at a variable load for an unlimited number of hours per year specting the maintenance intervals established in the environmental conditions the Manufacturer. according to ISO8528-1. The average power supplied over time applicable overload must be less than the percentages stated by the Manufacturer **mited-time running power-Limited power:** The maximum power that a genset oly for a limited time respecting the maintenance intervals established in the nental conditions stated by the Manufacturer according to ISO 8528-1. The number 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.

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