## **TECHNICAL DATASHEET BD 2280 U**

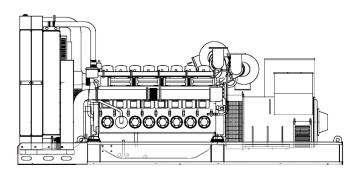


## **BD 2280 U**





## **POWERFULL** "U"



For illustrative purposes only

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ENGINE		
Description	BAUDOUIN	
Engine model	20M33G2500/5	
Cylinders	20	
RPM speed	1500	
Cubic capacity	65.40	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	00-21	
ВМЕР	2703	kPa
Cooling	Water	
Flywheel P.R.P. Power net	2010.0	kW
Flywheel E.P. Power net	2210.0	kW
Fuel Cons. at 100% (E.P.)	538.5	l/h
Fuel Cons. at 100% (P.R.P)	466.4	l/h
Fuel Cons. at 75% (P.R.P.)	360.7	l/h
Fuel Cons. at 50% (P.R.P.)	240.5	l/h
Fuel Cons. at 25% (P.R.P.)	131.0	l/h
Electronic regulator	Standard	
Precision class	G2	
Oil quantity	235.0	I
Engine Antifreeze capacity	140.0	I
Radiator type	TE	
Heat from radiator	1361.0	kW
Heat from exhaust	1722.0	kW
Heat from radiation	266.0	kW
Exhaust temperature	550	°C
Cooling air flow	1704.0	m³/min
Combustion air flow	157.0	m³/min
Exhaust gas flow	499.0	m³/min
TA Luft	N	
TA Luft/2	N	
EPA	N	
Stage	N	

MAIN DATA		
Continuous power (PRP)	2240.00	kVA
Continuous power (PRP)	1792.00	kW
Emergency power (E.P.)	2500.00	kVA
Emergency power (E.P.)	2000.00	kW
VAC - HZ - cos(fi)	400 - 50 - 0.8	

DIMENSIONS AND WEIGHT		
Width	2220	mm
Length	6510	mm
Height	2700	mm
Weight	16560	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S7L1D-J
P.R.P. Power	2500.0 kVA
E.P. Power	2750.0 kVA
Connection	Star
Phases	3FN
Winding	312
Terminal Number	6 nr.
IP Protection	23
Electronic regulator	MX322
Precision	0.5 ± %

BASEFRAME	
Model	ST60
Standard tank	0 1
Optional tank	0 1
Oversized tank*	0 1

CANOPY & SILENCER	
Canopy model	SENZA COFANO
Silencer model	
Silencer outlet diameter	0.0 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 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. - Emergency 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 is determined by the engine manufacturer. The average power output over time must be lower than the percentages set by the engine manufacturer. Overloading is not allowed.

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.