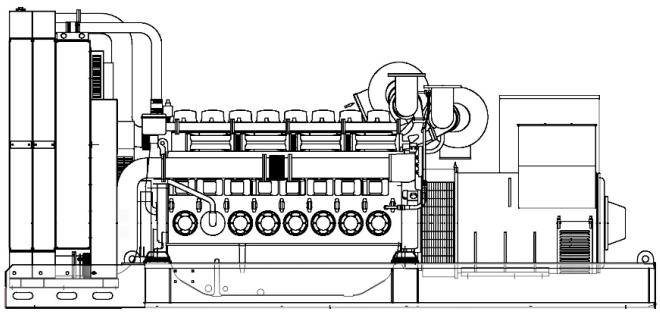
POWERFULL - BD 1850 U

POWERFULL “U”



For illustrative purposes only

ENGINE

Engine brand	BAUDOUIN	
Engine model	16M33G2000/5	
Cylinders	16	
Speed	1500	r.p.m.
Cubic capacity	52.30	l
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	0-18	
BMEP	2750	kPa
Cooling	Water	
Flywheel P.R.P. Power	0.0	kW
Flywheel Stand-by Power	0.0	kW
Fuel Cons. at 100% (L.T.P.)	446.8	l/h
Fuel Cons. at 100% (P.R.P)	401.0	l/h
Fuel Cons. at 75% (P.R.P.)	290.7	l/h
Fuel Cons. at 50% (P.R.P.)	194.7	l/h
Fuel Cons. at 25% (P.R.P.)	105.5	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	175.0	l
Engine Antifreeze capacity	130.0	l
Radiator type	Temperate	
Heat from radiator	2729.8	kW
Heat from exhaust	0.0	kW
Heat from radiation	0.0	kW
Exhaust temperature	550	°C
Cooling air flow	2280.00	m³/min
Combustion air flow	150.00	m³/min
Exhaust gas flow	421.60	m³/min
TA Luft	Not available	
TA Luft/2	Not available	
EPA	Not available	
Stage	Not available	

MAIN DATA

Continuous power (PRP)	1830.0	(kVA)
Continuous power (PRP)	1464.0	(kW)
Stand-by power (LTP)	2000.0	(kVA)
Stand-by power (LTP)	1600.0	(kW)
Voltage • Frequency • Power Factor	**400V •50Hz • 0.8 cosφ**	

DIMENSIONS AND WEIGHT

Width	2220	mm
Length	5400	mm
Height	2700	mm
Weight	0	kg

ALTERNATOR

Alternator brand	STAMFORD	
Alternator model	PI734E	
P.R.P. Power	1900.0	kVA
L.T.P. Power	2035.0	kVA
Connection	Star	
Phases	3P+N	
Winding	6 terminals winding 312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX341	
Precision	1.0	± %

BASEFRAME

Model	ST60	
Standard tank	0	l
Optional tank	0	l
Oversized tank*	0	l

CANOPY & SILENCER

Canopy model	SENZA COFANO	
Silencer model	MS 50	
Silencer outlet diameter	273.0	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.

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.