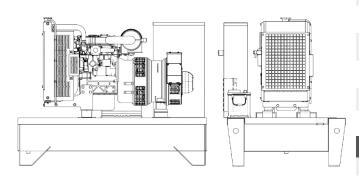




## D 100 B

## **POWERFULL "B"**



For illustrative purposes only

## ENGINE

EITOITE			
Description	DEUTZ		
Engine model	BF4M1013EC		
Cylinders	4		
RPM speed	1800		
Cubic capacity	4.80	I	
Air intake	Turbocharged		
Standard voltage	12	Vdc	
Optional voltage	24	Vdc	
Sae	3-11		
BMEP	1539	kPa	
Cooling	Water		
Flywheel P.R.P. Power net	97.7	kW	
Flywheel Stand-by Power net	102.7	kW	
Fuel Cons. at 100% (L.T.P.)	27.5	l/h	
Fuel Cons. at 100% (P.R.P)	26.0	l/h	
Fuel Cons. at 75% (P.R.P.)	19.9	l/h	
Fuel Cons. at 50% (P.R.P.)	14.4	l/h	
Fuel Cons. at 25% (P.R.P.)	9.2	l/h	
Electronic regulator	On request		
Precision class	Al		
Oil quantity	13.0	I	
Engine Antifreeze capacity	7.2	I	
Radiator type	TR		
Heat from radiator	73.3	kW	
Heat from exhaust	79.5	kW	
Heat from radiation	0.0	kW	
Exhaust temperature	475	°C	
Portata Raffreddamento	108.0	m³/min	
Combustion air flow	0.0	m³/min	
Exhaust gas flow	20.0	m³/min	
TA Luft	Ν		
TA Luft/2	Ν		
EPA	Ν		
Stage	Ν		

MAIN DATA		
Continuous power (PRP)	111.00	kVA
Continuous power (PRP)	88.80	kW
Stand-by power (LTP)	117.00	kVA
Stand-by power (LTP)	93.60	kW
VAC - HZ - cos(fi)	208 - 60 - 0.8	

www

## **DIMENSIONS AND WEIGHT**

Width	960	mm
Length	2120	mm
Height	1580	mm
Weight	1160	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	UCI274C	
P.R.P. Power	112.5	kVA
L.T.P. Power	120	kVA
Connection	Parallel star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS440	
Precision	1	± %
BASEFRAME		
Model	T1	
Standard tank	160	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 15	

encer outlet	diameter	
encer outiet	diameter	

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.

70 mm

**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. Overload must be less than the percentages stated by the Sabel 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.

Visa S.p.A. s.u. is subject to management and coordination of IPG S.p.A., via dei Mercanti 12 - Milano Company registration Office n. 12616930967