## **TECHNICAL DATASHEET M 1280 S**



M 1280 S

## POWERFULL "S"

For illustrative purposes only

ENGINE Description

Stage



- (	WWW



MAIN DATA	
Continuous power (PRP)	1260.00 kVA
Continuous power (PRP)	1008.00 kW
Emergency power (E.P.)	1350.00 kVA
Emergency power (E.P.)	1080.00 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	78.0 dBA

## DIMENSIONS AND WEIGHT

Width	2200	mm
Length	8600	mm
Height	3400	mm
Weight	15000	kg

Engine model	S12R-PTA			
Cylinders	12		ALTERNATOR	
RPM speed	1500		Description	
Cubic capacity	49.03	I	Alternator model	
Air intake	Turbocharged		P.R.P. Power	
Standard voltage	24	Vdc	E.P. Power	
Optional voltage		Vdc	Connection	
Sae	00-21		Phases	
BMEP	1814	kPa	Winding	
Cooling	Water		Terminal Number	
Flywheel P.R.P. Power net	1110.0	kW	IP Protection	
Flywheel E.P. Power net	1220.0	kW	Electronic regulator	
Fuel Cons. at 100% (E.P.)	294.0	l/h	Precision	
Fuel Cons. at 100% (P.R.P)	269.0	l/h	BASEFRAME	
Fuel Cons. at 75% (P.R.P.)	203.0	l/h	Model	
Fuel Cons. at 50% (P.R.P.)	151.0	l/h	Standard tank	
Fuel Cons. at 25% (P.R.P.)	93.0	l/h	Optional tank	
Electronic regulator	Standard		Oversized tank*	
Precision class	G3			
Oil quantity	180.0	I	CANOPY & SILEN	
Engine Antifreeze capacity	125.0	1	Canopy model	
Radiator type	TE		Silencer model	
Heat from radiator	648.0	kW	Silencer outlet diamete	
Heat from exhaust	758.0	kW	Standard reference conditions t atmospheric pressure 100 kP	
Heat from radiation	77.8	kW	distortional. Fuel consumption power values refer to free field	
Exhaust temperature	0	°C	Dimensions, weights and other related attachments are nomina	
	0.0		equipment; any optional and dimensions, performance. <b>P.R.</b>	
Combustion air flow	89.0	m³/min	The power that a genset can su number of hours per year wh	
Exhaust gas flow	235.0	m³/min	environmental conditions stated power supplied over time and a	
TA Luft	Ν		stated by the Manufacturer. E.F generating set can deliver for a	
TA Luft/2	Ν		maintenance frequency stipu Manufacturer. The number of ho	
EPA	Ν		average power output over tim manufacturer. Overloading is no	

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ALIERNAIUR		
Description	STAMFORD	
Alternator model	PI734A	
P.R.P. Power	1260.0	kVA
E.P. Power	1350.0	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX341	
Precision	1.0	± %
BASEFRAME		
Model	ST60	
Standard tank	0	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		

Canopy model	C60
Silencer model	MSR/a 200
Silencer outlet diameter	219.0 mm

temperature 25°C, altitude 100m asl, relative humidity 30%. Pa (1 bar), power factor 0.8 lag, balanced load - non n is nominal and refers to specific weight 0,850kg/l. Sound ld conditions: the installation site may influence the values. er specifications contained in the technical data sheet and al, subject to tolerances and refer to the model with standard nd additional equipment/accessories can modify weight, R.P. Prime Power-Continuous power at variable load: upply in continuous service at a variable load for an unlimited ille respecting the maintenance intervals established in the d by the Manufacturer. according to ISO8528-1. The average any applicable overload must be less than the percentages .P. - Emergency power: This is the maximum power that a a limited number of hours per year while complying with the ulated under the environmental conditions set by the nours 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.

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

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