TECHNICAL DATASHEET M 1400 S

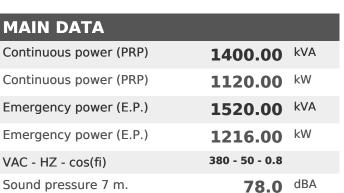


M 1400 S

POWERFULL "S"



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2200 mm Width Length 8600 mm Height 3400 mm Weight 16000 kg **ALTERNATOR** Description MECC ALTE Alternator model ECO43 VL4 A P.R.P. Power 1400.0 kVA E.P. Power 1520.0 kVA

DIMENSIONS AND WEIGHT

Connection	Parallel star	
Phases	3FN	
Winding	12_800V	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	DER-1	
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

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 IS08528-1. 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 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 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.

For illustrative purposes only

ENGINE

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Description	MITSUBISHI	
Engine model	S12R-PTA2	
Cylinders	12	
RPM speed	1500	
Cubic capacity	49.03	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	00-21	
BMEP	1951	kPa
Cooling	Water	
Flywheel P.R.P. Power net	1195.0	kW
Flywheel E.P. Power net	1315.0	kW
Fuel Cons. at 100% (E.P.)	322.0	l/h
Fuel Cons. at 100% (P.R.P)	290.0	l/h
Fuel Cons. at 75% (P.R.P.)	200.0	l/h
Fuel Cons. at 50% (P.R.P.)	157.0	l/h
Fuel Cons. at 25% (P.R.P.)	91.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	180.0	I
Engine Antifreeze capacity	125.0	I
Radiator type	TE	
Heat from radiator	698.0	kW
Heat from exhaust	816.0	kW
Heat from radiation	83.7	kW
Exhaust temperature	0	°C
Portata Raffreddamento	1800.0	m³/min
Combustion air flow	95.0	m³/min
Exhaust gas flow	253.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

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