## **TECHNICAL DATASHEET M 1280 U**

WWW

400 - 50 - 0.8

kVA

kW

kVA

kW

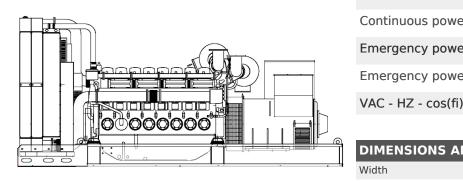


M 1280 U

## POWERFULL "U"

For illustrative purposes only

ENGINE Description



MAIN DATA Continuous power (PRP) 1260.00 Continuous power (PRP) 1008.00 Emergency power (E.P.) 1345.00 Emergency power (E.P.) 1076.00

## DIMENSIONS AND WEIGHT

Width	2000	mm				
Length	4530	mm				
Height	2242	mm				
Weight	11000	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 regulat
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 & SI
Engine Antifreeze capacity	125.0	I	Canopy model
Radiator type	TE		Silencer model
Heat from radiator	648.0	kW	Silencer outlet dia
Heat from exhaust	758.0	kW	Standard reference cond atmospheric pressure
Heat from radiation	77.8	kW	distortional. Fuel consu power values refer to fi
Exhaust temperature	0	°C	Dimensions, weights ar related attachments are
	0.0		equipment; any option dimensions, performanc
Combustion air flow	89.0	m³/min	The power that a gense number of hours per y
Exhaust gas flow	235.0	m³/min	environmental condition power supplied over tim
TA Luft	Ν		stated by the Manufactu generating set can deliv
TA Luft/2	Ν		maintenance frequency Manufacturer. The numb
EPA	N		average power output o manufacturer. Overload
Stage	Ν		

MITSUBISHI

ALTERNATOR		
Description	STAMFORD	
Alternator model	S6L1D-G	
P.R.P. Power	1260.0	kVA
E.P. Power	1345.0	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
P Protection	23	
Electronic regulator	MX322	
Precision	0.5	± %
BASEFRAME		
Model	ST60	
Standard tank	0	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		

CAROLINA DIEERCER		
Canopy model	SENZA COFANO	
Silencer model	MS 55	
Silencer outlet diameter	324.0	mm

nditions temperature 25°C, altitude 100m asl, relative humidity 30%. 100 kPa (1 bar), power factor 0.8 lag, balanced load - non umption is nominal and refers to specific weight 0,850kg/l. Sound free field conditions: the installation site may influence the values. and other specifications contained in the technical data sheet and e nominal, subject to tolerances and refer to the model with standard onal and additional equipment/accessories can modify weight, nce. **P.R.P. Prime Power-Continuous power at variable load:** et can supply in continuous service at a variable load for an unlimited year while respecting the maintenance intervals established in the ins stated by the Manufacturer. according to ISO8528-1. The average me and any applicable overload must be less than the percentages turer. **E.P. - Emergency power:** This is the maximum power that a iver for a limited number of hours per year while complying with the cy stipulated under the environmental conditions set by the iber of hours per year is determined by the engine manufacturer. The over time must be lower than the percentages set by the engine ding 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