TECHNICAL DATASHEET M 1280 U

WWW

380 - 50 - 0.8

kVA

kW

kVA

kW

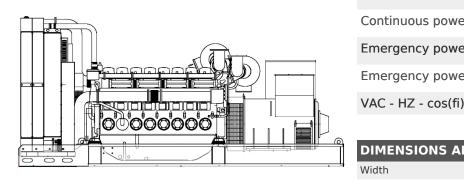


M 1280 U

POWERFULL "U"

For illustrative purposes only

ENGINE Description



MAIN DATA Continuous power (PRP) 1205.00 Continuous power (PRP) 964.00 Emergency power (E.P.) 1290.00 Emergency power (E.P.) 1032.00

DIMENSIONS AND WEIGHT

Width	2000	mm
Length	4530	mm
Height	2242	mm
Weight	11000	kg

Engine model	S12R-PTA			
Cylinders	12		ALTERNATO	
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 regula	
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 & S	
Engine Antifreeze capacity	125.0	I	Canopy model	
Radiator type	TE		Silencer model	
Heat from radiator	648.0	kW	Silencer outlet di	
Heat from exhaust	758.0	kW	Standard reference cor atmospheric pressure	
Heat from radiation	77.8	kW	distortional. Fuel consi power values refer to	
Exhaust temperature	0	°C	Dimensions, weights a related attachments ar	
	0.0		equipment; any optic dimensions, performar	
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 conditio power supplied over tin stated by the Manufact generating set can deli	
TA Luft	Ν			
TA Luft/2	Ν		maintenance frequent Manufacturer. The num	
EPA	Ν		average power output manufacturer. Overload	
Stage	Ν			

MITSUBISHI

ALTERNATOR		
Description	STAMFORD	
Alternator model	S6L1D-G	
P.R.P. Power	1205.0	kVA
E.P. Power	1290.0	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX322	
Precision	0.5	± %
BASEFRAME		
Model	ST60	
Standard tank	0	I
Optional tank	0	1
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 55	

liameter 324.0 mm

onditions temperature 25°C, altitude 100m asl, relative humidity 30%. e 100 kPa (1 bar), power factor 0.8 lag, balanced load - non sumption 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 are nominal, subject to tolerances and refer to the model with standard tional and additional equipment/accessories can modify weight, ance. P.R.P. Prime Power-Continuous power at variable load: set can supply in continuous service at a variable load for an unlimited year while respecting the maintenance intervals established in the ons stated by the Manufacturer. according to ISO8528-1. The average time and any applicable overload must be less than the percentages cturer. **E.P. - Emergency power:** This is the maximum power that a liver for a limited number of hours per year while complying with the ncy stipulated under the environmental conditions set by the mber of hours per year is determined by the engine manufacturer. The it over time must be lower than the percentages set by the engine ading 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