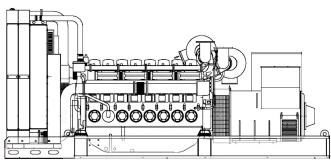
# **TECHNICAL DATASHEET M 2280 U**

WWW



M 2280 U

# POWERFULL "U"

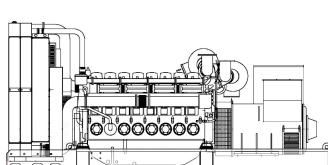


MAIN DATA Continuous power (PRP) kVA 2280.00 Continuous power (PRP) kW 1824.00 kVA Emergency power (E.P.) 2520.00 Emergency power (E.P.) 2016.00 kW 400 - 50 - 0.8 VAC - HZ - cos(fi)

## **DIMENSIONS AND WEIGHT**

IVII I SUDISHI					
S16R2-PTAW					
16		ALTERNATOR			
1500		Description	STAMFORD		
79.90	I	Alternator model	PI734H		
Turbocharged		P.R.P. Power	2325.0	kVA	
24	Vdc	E.P. Power	2600.0	kVA	
	Vdc	Connection	Star		
00-21		Phases	3FN		
2170	kPa	Winding	312		
Water		Terminal Number	6	nr.	
1960.0	kW	IP Protection	23		
2167.0	kW	Electronic regulator	DM110		
559.1	l/h	Precision	1.0	± %	
498.4	l/h	BASEFRAME			
367.0	l/h	Model	ST60		
250.6	l/h	Standard tank	0	I	
138.8	l/h	Optional tank	0		
Standard		Oversized tank*	0		
			0		
290.0	I	CANOPY & SILENCER			
190.0	1	Canopy model	SENZA COFANO		
TE		Silencer model	MS 65		
757.0	kW	Silencer outlet diameter	406.0	mm	
1873.0	kW	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. <b>P.R.P. Prime Power-Continuous power at variable load:</b> 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			
168.0	kW				
0	°C				
0.0	m³/min				
191.0	m³/min				
506.0	m³/min	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. <b>E.P.</b> - <b>Emergency power</b> : This is the maximum power that a generating set can deliver for a limited number of hours per year while complying with the maintenance frequency stipulated under the environmental conditions set by the Manufacturer. The number of hours per year is determined by the engine manufacturer. The			
Ν					
Ν					
Ν		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.



For illustrative purposes only

### ENGINE

ENGINE		
Description	MITSUBISHI	
Engine model	S16R2-PTAW	
Cylinders	16	
RPM speed	1500	
Cubic capacity	79.90	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	00-21	
BMEP	2170	kPa
Cooling	Water	
Flywheel P.R.P. Power net	1960.0	kW
Flywheel E.P. Power net	2167.0	kW
Fuel Cons. at 100% (E.P.)	559.1	l/h
Fuel Cons. at 100% (P.R.P)	498.4	l/h
Fuel Cons. at 75% (P.R.P.)	367.0	l/h
Fuel Cons. at 50% (P.R.P.)	250.6	l/h
Fuel Cons. at 25% (P.R.P.)	138.8	l/h
Electronic regulator	Standard	
Precision class		
Oil quantity	290.0	1
Engine Antifreeze capacity	190.0	I
Radiator type	TE	
Heat from radiator	757.0	kW
Heat from exhaust	1873.0	kW
Heat from radiation	168.0	kW
Exhaust temperature	0	°C
Portata Raffreddamento	0.0	m³/min
Combustion air flow	191.0	m³/min
Exhaust gas flow	506.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

VISA S.p.A. s.u. - ITALY- CERTIFIED ISO 9001-2015, 14001-2015, 3834 and EN 1090 - www.visa.it

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