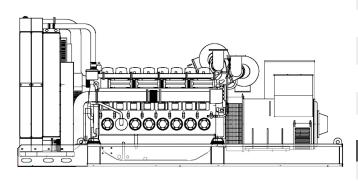
## **TECHNICAL DATASHEET M 1280 U**

WWW



M 1280 U

## **POWERFULL "U"**



For illustrative purposes only

## ENGINE

ENGINE		
Description	MITSUBISHI	
Engine model	S12R-PTA	
Cylinders	12	
RPM speed	1500	
Cubic capacity	49.03	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	00-21	
BMEP	1814	kPa
Cooling	Water	
Flywheel P.R.P. Power net	1080.0	kW
Flywheel Stand-by Power net	1190.0	kW
Fuel Cons. at 100% (L.T.P.)	294.0	l/h
Fuel Cons. at 100% (P.R.P)	269.0	l/h
Fuel Cons. at 75% (P.R.P.)	203.0	l/h
Fuel Cons. at 50% (P.R.P.)	151.0	l/h
Fuel Cons. at 25% (P.R.P.)	93.0	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	648.0	kW
Heat from exhaust	758.0	kW
Heat from radiation	77.8	kW
Exhaust temperature	0	°C
Portata Raffreddamento	1800.0	m³/min
Combustion air flow	89.0	m³/min
Exhaust gas flow	235.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

MAIN DATA		
Continuous power (PRP)	1205.00	kVA
Continuous power (PRP)	964.00	kW
Stand-by power (LTP)	1290.00	kVA
Stand-by power (LTP)	1032.00	kW
VAC - HZ - cos(fi)	380 - 50 - 0.8	

## **DIMENSIONS AND WEIGHT**

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

ALTERNATOR	
Description	STAMFORD
Alternator model	S6L1D-G
P.R.P. Power	1205 kVA
L.T.P. Power	1290 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
Optional tank	0
Oversized tank*	0
CANOPY & SILENCER	
Canopy model	SENZA COFANO
Silencer model	MS 55

Sil	lencer	outlet dia	ameter	324	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 ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer. L.T.P. Limited-time running power-Limited power: The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. Overload must be less than the percentages stated by the Sabel in the environmental conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

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