# **TECHNICAL DATASHEET C 1000 U**

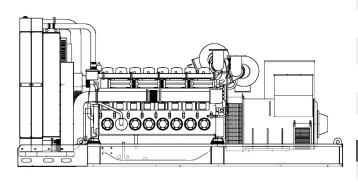
WWW

kW



C 1000 U

## POWERFULL "U"



MAIN DATA Continuous power (PRP) 1000.00 kVA Continuous power (PRP) 800.00 1100.00 kVA Emergency power (E.P.) Emergency power (E.P.) 880.00 kW 400 - 50 - 0.8 VAC - HZ - cos(fi)

## **DIMENSIONS AND WEIGHT**

Width	2200	mm
Length	5000	mm
Height	2400	mm
Weight	9250	kg

ALTERNATOR		
Description	MECC ALTE	
Alternator model	ECO43-1M/4	
P.R.P. Power	1025.0	kVA
E.P. Power	1120.0	kVA
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	
Optional tank	0	1
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 35	
Silencer outlet diameter	168.0	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 bisortional. Fuel consumption is nonlinear and release to specific weight operations, so the 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:** 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. **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 maintenance frequency stipulated under the environmental conditions set by 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 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

Description	CUMMINS	
Engine model	KTA38-G14	
Cylinders	12	
RPM speed	1500	
Cubic capacity	37.80	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	0-18	
BMEP	1868	kPa
Cooling	Water	
Flywheel P.R.P. Power net	846.0	kW
Flywheel E.P. Power net	936.0	kW
Fuel Cons. at 100% (E.P.)	228.0	l/h
Fuel Cons. at 100% (P.R.P)	209.0	l/h
Fuel Cons. at 75% (P.R.P.)	161.0	l/h
Fuel Cons. at 50% (P.R.P.)	113.0	l/h
Fuel Cons. at 25% (P.R.P.)	65.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	135.0	I
Engine Antifreeze capacity	32.7	I
Radiator type	TR	
Heat from radiator	594.0	kW
Heat from exhaust	590.0	kW
Heat from radiation	137.0	kW
Exhaust temperature	513	°C
Portata Raffreddamento	1062.0	m³/min
Combustion air flow	0.0	m³/min
Exhaust gas flow	0.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

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