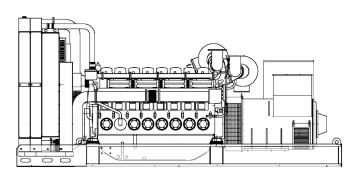
TECHNICAL DATASHEET C 1000 U

WWW



C 1000 U

POWERFULL "U"



For illustrative purposes only

ENGINE

ENGINE		l
Description	CUMMINS	
Engine model	KTA38-G14	
Cylinders	12	
RPM speed	1800	
Cubic capacity	37.80	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	0-18	
BMEP	1779	kPa
Cooling	Water	
Flywheel P.R.P. Power net	960.0	kW
Flywheel E.P. Power net	1065.0	kW
Fuel Cons. at 100% (E.P.)	266.0	l/h
Fuel Cons. at 100% (P.R.P)	242.0	l/h
Fuel Cons. at 75% (P.R.P.)	189.0	l/h
Fuel Cons. at 50% (P.R.P.)	136.0	l/h
Fuel Cons. at 25% (P.R.P.)	82.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	135.0	1
Engine Antifreeze capacity	32.7	1
Radiator type	TR	
Heat from radiator	611.0	kW
Heat from exhaust	768.0	kW
Heat from radiation	104.0	kW
Exhaust temperature	486	°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	

MAIN DATA	
Continuous power (PRP)	1140.00 kVA
Continuous power (PRP)	912.00 kW
Emergency power (E.P.)	1250.00 kVA
Emergency power (E.P.)	1000.00 kW
VAC - HZ - cos(fi)	440 - 60 - 0.8

DIMENSIONS AND WEIGHT

Width	2200	mm
Length	5000	mm
Height	2400	mm
Weight	9000	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S6L1D-E	
P.R.P. Power	1200.0	kVA
E.P. Power	1300.0	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	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 35	

Silencer outlet diameter168.0 mmStandard 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 0.850kgl. 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. F.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 interver. The unber of nours per vipulated under the environmental conditions set by the
Manufacturer. The number of nours per vipulated under 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.

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