## **TECHNICAL DATASHEET C 1250 U**

www

kVA

kW

kVA

kW

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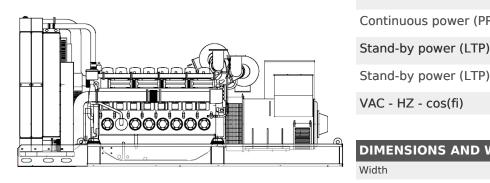
1120.00

400 - 50 - 0.8



C 1250 U

## POWERFULL "U"



For illustrative purposes only

## ENGINE

ENGINE		
Description	CUMMINS	
Engine model	KTA50-G3	
Cylinders	16	
RPM speed	1500	
Cubic capacity	50.30	I
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	0-18	
BMEP	1744	kPa
Cooling	Water	
Flywheel P.R.P. Power net	1074.0	kW
Flywheel Stand-by Power net	1204.0	kW
Fuel Cons. at 100% (L.T.P.)	293.0	l/h
Fuel Cons. at 100% (P.R.P)	261.0	l/h
Fuel Cons. at 75% (P.R.P.)	199.0	l/h
Fuel Cons. at 50% (P.R.P.)	139.0	l/h
Fuel Cons. at 25% (P.R.P.)	76.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	177.0	I
Engine Antifreeze capacity	161.0	I
Radiator type	TR	
Heat from radiator	775.0	kW
Heat from exhaust	845.0	kW
Heat from radiation	150.0	kW
Exhaust temperature	525	°C
Portata Raffreddamento	1818.0	m³/min
Combustion air flow	104.8	m³/min
Exhaust gas flow	240.7	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

MAIN DATA	
Continuous power (PRP) 1	280.
Continuous power (PRP) 1	024.
Stand-by power (LTP) 1	400.

DIMENSI	ONS	WEIG	нт

Width	2200	mm
Length	5500	mm
Height	2400	mm
Weight	11100	kg

ALTERNATOR		
Description	MECC ALTE	
Alternator model	ECO43-2LN/4	
P.R.P. Power	1300	kVA
L.T.P. Power	1420	kVA
Connection	Parallel star	
Phases	3FN	
Winding	12_800V	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	DER-1	
Precision	1	± %
BASEFRAME		
Model	ST60	
Standard tank	0	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 45	

Silencer outlet diameter 219 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, source of 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. LT.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 according to 150 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