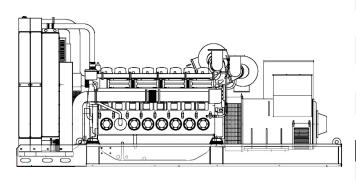
## **TECHNICAL DATASHEET C 1250 U**

WWW



C 1250 U

## POWERFULL "U"



For illustrative purposes only

## ENGINE

ENGINE		i i i i i i i i i i i i i i i i i i i
Description	CUMMINS	
Engine model	KTA50-G3	
Cylinders	16	
RPM speed	1800	
Cubic capacity	50.30	l
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	0-18	
BMEP	1620	kPa
Cooling	Water	
Flywheel P.R.P. Power net	1182.0	kW
Flywheel E.P. Power net	1342.0	kW
Fuel Cons. at 100% (E.P.)	330.0	l/h
Fuel Cons. at 100% (P.R.P)	291.0	l/h
Fuel Cons. at 75% (P.R.P.)	222.0	l/h
Fuel Cons. at 50% (P.R.P.)	157.0	l/h
Fuel Cons. at 25% (P.R.P.)	89.0	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	900.0	kW
Heat from exhaust	935.0	kW
Heat from radiation	150.0	kW
Exhaust temperature	176	°C
Portata Raffreddamento	2076.0	m³/min
Combustion air flow	110.4	m³/min
Exhaust gas flow	257.7	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

 MAIN DATA

 Continuous power (PRP)
 1420.00
 kVA

 Continuous power (PRP)
 1136.00
 kW

 Emergency power (E.P.)
 1600.00
 kVA

 Emergency power (E.P.)
 1280.00
 kW

 VAC - HZ - cos(fi)
 480 - 60 - 0.8
 KW

## **DIMENSIONS AND WEIGHT**

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	1560.0	kVA
E.P. Power	1700.0	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 45	

Silencer outlet diameter 219.0 mm Standard reference conditions temperature 25°C. altitude 100m asl. relative humidity 30%

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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.

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