## **TECHNICAL DATASHEET C 1250 U**

WWW

kVA

kW

kVA

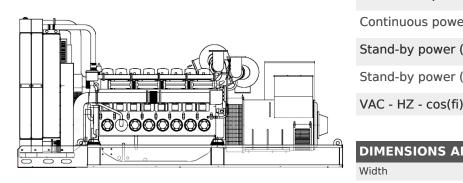
kW

440 - 60 - 0.8



C 1250 U

## POWERFULL "U"



For illustrative purposes only

## ENGINE

ENGINE		
Description	CUMMINS	
Engine model	KTA50-G3	
Cylinders	16	
RPM speed	1800	
Cubic capacity	50.30	I
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 Stand-by Power net	1342.0	kW
Fuel Cons. at 100% (L.T.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
Continuous power (PRP)	1136.00
Stand-by power (LTP)	1563.00
Stand-by power (LTP)	1250.40

## **DIMENSIONS AND WEIGHT**

Width	2200	mm
Length	5500	mm
Height	2400	mm
Weight	11200	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S6L1D-G	
P.R.P. Power	1431	kVA
L.T.P. Power	1563	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 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 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. 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