TECHNICAL DATASHEET C 1250 S



C 1250 S

POWERFULL "S"

For illustrative purposes only

ENGINE Description



WWW



MAIN DATA	
Continuous power (PRP)	1280.00 kVA
Continuous power (PRP)	1024.00 kW
Emergency power (E.P.)	1400.00 kVA
Emergency power (E.P.)	1120.00 kW
VAC - HZ - cos(fi)	415 - 50 - 0.8
Sound pressure 7 m.	75.0 dBA

DIMENSIONS AND WEIGHT

Width	2200	mm
Length	8600	mm
Height	3400	mm
Weight	14760	kg

Description	commus		0	
Engine model	KTA50-G3			
Cylinders	16		ALTER	
RPM speed	1500		Descripti	
Cubic capacity	50.30	I	Alternato	
Air intake	Turbocharged		P.R.P. Pov	
Standard voltage	24	Vdc	E.P. Powe	
Optional voltage		Vdc	Connectio	
Sae	0-18		Phases	
BMEP	1744	kPa	Winding	
Cooling	Water		Terminal	
Flywheel P.R.P. Power net	1074.0	kW	IP Protect	
Flywheel E.P. Power net	1204.0	kW	Electronic	
Fuel Cons. at 100% (E.P.)	293.0	l/h	Precision	
Fuel Cons. at 100% (P.R.P)	261.0	l/h	BASEF	
Fuel Cons. at 75% (P.R.P.)	199.0	l/h	Model	
Fuel Cons. at 50% (P.R.P.)	139.0	l/h	Standard	
Fuel Cons. at 25% (P.R.P.)	76.0	l/h	Optional	
Electronic regulator	Standard		Oversized	
Precision class	G3			
Oil quantity	177.0	I	CANOP	
Engine Antifreeze capacity	161.0	I	Canopy n	
Radiator type	TR		Silencer r	
Heat from radiator	775.0	kW	Silencer of	
Heat from exhaust	845.0	kW	Standard ref atmospheric	
Heat from radiation	150.0	kW	distortional. power value	
Exhaust temperature	525	°C	Dimensions, related attac	
Portata Raffreddamento	1818.0	m³/min	equipment; dimensions,	
Combustion air flow	104.8	m³/min	The second shi	
Exhaust gas flow	240.7	m³/min	environment power suppl	
TA Luft	Ν		stated by the generating s	
TA Luft/2	Ν		maintenance Manufacture	
EPA	Ν		average pov manufacture	
Stage	Ν			

CUMMINS

ALTERNATOR		
Description	MECC ALTE	
Alternator model	ECO43-2LN/4	
P.R.P. Power	1300.0	kVA
E.P. Power	1420.0	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	I
Optional tank	0	1
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	C60/05/01	
Silencer model	MSR/a 200	

er	outlet	diameter		

eference conditions temperature 25°C, altitude 100m asl, relative humidity 30%. pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non Fuel consumption is nominal and refers to specific weight 0,850kg/l. Sound b) The constraint of the set of the installation site may influence the values, so weight of the field conditions: the installation site may influence the values, s, weights and other specifications contained in the technical data sheet and achments are nominal, subject to tolerances and refer to the model with standard ; any optional and additional equipment/accessories can modify weight, s, performance. P.R.P. Prime Power-Continuous power at variable load: that a genset can supply in continuous service at a variable load for an unlimited hours per year while respecting the maintenance intervals established in the tal conditions stated by the Manufacturer. according to ISO8528-1. The average lied over time and any applicable overload must be less than the percentages he Manufacturer. **E.P. - Emergency power:** This is the maximum power that a set can deliver for a limited number of hours per year while complying with the ce frequency stipulated under the environmental conditions set by the er. The number of hours per year is determined by the engine manufacturer. The wer output over time must be lower than the percentages set by the engine rer. Overloading is not allowed.

219.0 mm

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