



K20C5-ALIZE

PORTABLE POWER

GENERATING SET Range INDUSTRIAL

PRODUCT ADVANTAGES

- KOHLER water-cooled industrial engine
- Generating set guaranteed 3 years
- complete control panel
- Low noise level
- Large Autonomy

STAGE V (2016/1628 EU) : This product is compliant with regulation for implementing requirements relating to gaseous and pollutant emission limits in Europe

Range INDUSTRIAL

Leading edge technology, designed for regular, intensive use, that is powerful and quiet.



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GENERAL SPECIFICATIONS

Range	INDUSTRIAL
Frequency (Hz)	50 Hz
Voltage (V)	400/230
Standard Control Panel	APM303
Tank (L)	50
Sound power level guaranteed LwA dB(A)	88
Acoustic pressure level @1m in dB(A)	71
Acoustic pressure level @7m in dB(A)	58

POWER

Voltage (V)	ESP		PRP		Intensity (A)
	kWe *	kVA *	kWe *	kVA *	
400/230	16	20	0	0	29

ENGINE SPECIFICATIONS

Engine brand	KOHLER KDI
Engine ref.	KDI1903M-EU5
Air inlet system	Atmo
Cylinders configuration	L
Number of cylinders	3
Displacement (l)	1,86
Bore (mm)	88
Stroke (mm)	102
Compression ratio	18,5 : 1
Speed (RPM)	1500
Pistons speed (m/s)	5,10
Maximum stand-by power at rated RPM (kW)	18
Frequency regulation, steady state (%)	+/- 2.5%
Governor type	Mechanical
Consumption @ 75% PRP load (l/h) *	3,70
Oil system capacity including filters (l)	8,70
Oil consumption 100% ESP 50Hz (l/h)	0,01

ALTERNATOR SPECIFICATIONS

Alternator commercial brand	KOHLER
Alternator ref.	KH00404T
Voltage regulation at established rating (+/- %)	1

PLUGS AND PANEL DESCRIPTIVE

1 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 400V 32A socket - circuit breaker + Residual Current Device 30 mA + APM303

DIMENSIONS AND WEIGHT

Length (cm)	175
Width (cm)	77,50
Height (cm)	123
Dry Weight (kg)	490



23/07/2021

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KOHLER®

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K20C5-ALIZE

ACCESSORIES SUPPLIED



User and maintenance manual

OPTIONS



CA308

ERR: not found in dict valeurs



VERSOT

Automatic start up on lack of power (included engine preheating, battery charger, normal/back up reverser)



RMS

Commissioning : compliance checks of the installation, level controles, starting, no-load and load test, Instruction of the customer on the maintenance of the genset.



RAP

The adaptor for industrial sockets is used to connect 230-V appliances to the industrial socket.



RBH1

Box of 24 0.5L cans of oil or 20 1 L cans of oil (SAE 15W40)



RBH0-5

Box of 24 0.5L cans of oil or 20 1 L cans of oil (SAE 15W40).



RPM

Male plugs for all models made up of : 2 x 16 A/230 V, EEC17: 1 x 16A/230 V, 1 x 32A/230 V and 1 x 16A/400V



RPQ

For earthing your generator set. Galvanised 1 m long spike, supplied with 2 m of 10 mm² cable.

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