



K20C5-ALIZE

PORTABLE POWER

GENERATING SET Range INDUSTRIAL

PRODUCT ADVANTAGES

- KOHLER water-cooled industrial engine
- Entire group guaranteed 2 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.



K20C5-ALIZE

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
Cylinder configuration	L
Number of cylinders	3
Displacement (l)	1,86
Bore (mm)	88
Stroke (mm)	102
Compression ratio	18,5 : 1
Speed 50Hz (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
Fuel consumption @ 75% of PRP Power (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
Kohler Alternator description	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



27/05/2022

K20C5-ALIZE - PORTABLE POWER - GENERATING SET INDUSTRIAL

This document is not contractual - The SDMO company reserves the right to modify any of the characteristics stated in this document without notice, in a constant effort to improve the quality of its products. *ISO 8528.

SDMO Industries - 270 rue de Kerervern - CS 40047 - 29801 Brest cedex 9 - France - Tél. +33 (0)2 98 41 41 41 - www.kohlersdmo.com

KOHLER®

SDMO®

K20C5-ALIZE

ACCESSORIES SUPPLIED



User and maintenance manual

OPTIONS



CA308

ERR: not found in dict valeurs

VERSO-T

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



R08D

Lightweight, steered and braked road trailer (maximum laden weight 1000 kg with registration). Overall dimensions (W x D x H): 3,39 x 1,52 x 1,77 m. uW: 190 kg.



RMS

Commissioning : compliance checks of the installation, level controls, 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.

KOHLER® SDMO®

27/05/2022

K20C5-ALIZE - PORTABLE POWER - GENERATING SET INDUSTRIAL

This document is not contractual - The SDMO company reserves the right to modify any of the characteristics stated in this document without notice, in a constant effort to improve the quality of its products. *ISO 8528.

SDMO Industries - 270 rue de Kerervern - CS 40047 - 29801 Brest cedex 9 - France - Tél. +33 (0)2 98 41 41 41 - www.kohlersdmo.com