



K12C5-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.



K12C5-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)	85
Acoustic pressure level @1m in dB(A)	68
Acoustic pressure level @7m in dB(A)	56

POWER

Voltage (V)	400/230
ESP kWe *	8,4
kVA *	10,5
PRP	7,7
kWe *	9,63
Intensity (A)	15

ENGINE SPECIFICATIONS

Engine brand	KOHLER KDI
Engine ref.	KDW1404
Air inlet system	Atmo
Cylinder configuration	L
Number of cylinders	4
Displacement (l)	1,37
Bore (mm)	75
Stroke (mm)	77,6
Compression ratio	22,8 : 1
Speed 50Hz (RPM)	1500
Pistons speed (m/s)	3,88
Maximum stand-by power at rated RPM (kW)	11
Frequency regulation, steady state (%)	+/- 2.5%
Governor type	Mechanical
Fuel consumption @ 75% of PRP Power (l/h)	2,2
Oil system capacity including filters (l)	3,3
Oil consumption 100% ESP 50Hz (l/h)	0,06

ALTERNATOR SPECIFICATION

Alternator commercial brand	KOHLER
Kohler Alternator description	KH00350T
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)	77,5
Height (cm)	123
Dry Weight (kg)	340

ACCESSORIES SUPPLIED

User and maintenance manual

OPTIONS

- CA308** Remote control with separated case with start up/stop button, start up indicator and generating set defect - delivered without cable
- VERSO-T** VERSO-T - Automatic start up on lack of power (included engine preheating, battery charger, normal/back up reverser)
- R08D** R08D - Braked articulated drawbar road trailer (GVW <1000 kg with registration) for K12C5-ALIZE /K20C5-ALIZE. Net weight: 190 kg, Overall dimensions: 3.99 x 1.52 x 1.77 m.
- RMS** RMS - Commissioning, including checking that the installation is in order and that the generating set is working properly, start-up and testing.
- RAP** RAP - industrial adapter for connecting a 230V device to an industrial socket
- RBH1** RBH1 - Box of 20 cans of 1L oil (15W40) for INVERTER / PERFORM / PERFORM XL / HX / TECHNIC 6500 - 7500 / DIESEL 4000 / WELDARC 200 / VX 200/4 / AQUALINE
- RBH0-5** RBH0-5 - Box of 24 cans of 0.5L oil (15W40) for INVERTER / PERFORM / PERFORM XL / HX / TECHNIC 6500 - 7500 / DIESEL 4000 / WELDARC 200 / VX 200/4 / AQUALINE
- RPM** RPM - Plug kit for all models: 2 x 16A /230V sockets, 1 x CEE17 16A/230V socket, 1 x 32A/230V socket, 1 x 16A/400V socket
- RPQ** RPQ - 1m earth spike, supplied with 2m 10mm2 mains cable