



XP-K16H-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

Range INDUSTRIAL

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



XP-K16H-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)	95
Acoustic pressure level @1m in dB(A)	79
Acoustic pressure level @7m in dB(A)	66

POWER

Voltage (V)	ESP		PRP		Intensity (A)
	kWe *	kVA *	kWe *	kVA *	
400/230	12.80	16	0	0	23

ENGINE SPECIFICATIONS

Engine brand	KOHLER KDI
Engine ref.	KDW1003-H
Air inlet system	Atmo
Cylinder configuration	L
Number of cylinders	3
Displacement (l)	1.03
Bore (mm)	75
Stroke (mm)	77.60
Compression ratio	22,8 : 1
Speed (RPM)	3000
Pistons speed (m/s)	7.76
Maximum stand-by power at rated RPM (kW) Diesel	16.50
Frequency regulation, steady state (%)	+/- 2.5%
Governor type	Mechanical
Consumption @ 75% PRP load (l/h) *	3.60
Oil system capacity including filters (l)	2.40
Oil consumption 100% ESP 50Hz (l/h)	0.08

ALTERNATOR SPECIFICATIONS

Alternator commercial brand	KOHLER
Alternator ref.	KH00321T
Voltage regulation at established rating (+/- %)	

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)	480



12/6/2021

XP-K16H-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®

XP-K16H-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)
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