

# KOHLER®

# SDMO®



## XP-K6M-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-K6M-ALIZE

### GENERAL SPECIFICATIONS

Range	INDUSTRIAL
Frequency (Hz)	50 Hz
Voltage (V)	230 single phase
Standard Control Panel	APM303
Tank (L)	50
Sound power level guaranteed LwA dB(A)	83
Acoustic pressure level @1m in dB(A)	67
Acoustic pressure level @7m in dB(A)	54

### POWER

Voltage (V)	ESP		PRP		Intensity (A)
	kWe *	kVA *	kWe *	kVA *	
230 single phase	5.50	5.50	5	5	24

### ENGINE SPECIFICATIONS

Engine brand	KOHLER KDI
Engine ref.	KDW1003
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)	1500
Pistons speed (m/s)	3.88
Maximum stand-by power at rated RPM (kW)	8.50
Frequency regulation, steady state (%)	+/- 2.5%
Governor type	Mechanical
Fuel consumption @ 75% of PRP Power (l/h) *	1.90
Oil system capacity including filters (l)	2.40
Oil consumption 100% ESP 50Hz (l/h)	0.04

### ALTERNATOR SPECIFICATIONS

Alternator commercial brand	KOHLER
Kohler Alternator description	KH00260T
Voltage regulation at established rating (+/- %)	1

### PLUGS AND PANEL DESCRIPTIVE

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

### DIMENSIONS AND WEIGHT

Length (cm)	150
Width (cm)	76
Height (cm)	103
Dry Weight (kg)	390

# KOHLER®

# SDMO®

1/21/2022

XP-K6M-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-K6M-ALIZE

### ACCESSORIES SUPPLIED



User and maintenance manual

### OPTIONS



<b>CA308</b>	ERR:not found in dict valeurs
<b>VERSO-M</b>	Automatic start up on lack of power (included engine preheating, battery charger, normal/back up reverser )
<b>R05M</b>	The manual changeover switch is used to connect and disconnect a generating set manually to a domestic circuit when there is a power cut.
<b>RMS</b>	Commisioning : compliance checks of the instalation, level controles, starting, no-load and load test, Instruction of the customer on the maintenance of the genset.
<b>RAP</b>	The adaptor for industrial sockets is used to connect 230-V appliances to the industrial socket.
<b>RBH1</b>	Box of 24 o.5L cans of oil or 20 1 L cans of oil (SAE 15W40)
<b>RBH0-5</b>	Box of 24 0.5L cans of oil or 20 1 L cans of oil (SAE 15W40).
<b>RPM</b>	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