

# KOHLER®

# SDMO®



## XP-T12K-ALIZE

PORTABLE POWER

Generating Sets Range INDUSTRIAL

### PRODUCT ADVANTAGES

- Mitsubishi 1500 rpm water-cooled long-lasting industrial engine
- Large Autonomy
- Electric starter with batteries without maintenance
- complete control panel
- Low noise level

1500 RPM : low engine speed for longer lifetime, lower fuel consumption, longer maintenance intervals.

AVR By regulating the voltage electronically by  $\pm 2\%$ , depending on the model, the AVR eliminates all risk of damage to boilers or certain kinds of electronic equipment.

### Range INDUSTRIAL

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



## XP-T12K-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)	87
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	9.20	11.50	8.36	10.45	17

### ENGINE SPECIFICATIONS

Engine brand	MITSUBISHI
Engine ref.	S3L2-SD
Air inlet system	Athmo
Cylinders configuration	L
Number of cylinders	3
Displacement (L)	1.32
Bore (mm)	78
Stroke (mm)	92
Compression ratio	22 : 1
Speed (RPM)	1500
Pistons speed (m/s)	4.60
Maximum stand-by power at rated RPM (kW)	11.20
Frequency regulation, steady state (%)	+/- 2.5%
Governor type	Mechanical
Consumption @ 75% load (L/h) *	2.50
Oil capacity (L)	4.20
Oil consumption 100% ESP (L/h)	0

### ALTERNATOR SPECIFICATIONS

Alternator commercial brand	KOHLER
Alternator ref.	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 + MICS NEXYS

### DIMENSIONS AND WEIGHT

Length (cm)	175
Width (cm)	77.50
Height (cm)	123
Dry Weight (kg)	535

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### ACCESSORIES SUPPLIED



User and maintenance manual



Thermal circuit breaker

### OPTIONS



<b>CA308</b>	ERR:not found in dict valeurs
<b>VERSO-T</b>	Automatic start up on lack of power (included engine preheating, battery charger, normal/back up reverser )
<b>R08D</b>	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.
<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>Adaptor for industrial sockets</b>	ERR:not found in dict valeurs
<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