

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% PRP load (L/h) *	2.50
Oil system capacity including filters (L)	4.20
Oil consumption 100% ESP 50Hz (L/h)	0.02

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 16A socket - circuit breaker + Residual Current Device 30 mA + APM202

DIMENSIONS AND WEIGHT

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

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7/22/2019

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ACCESSORIES SUPPLIED



User and maintenance manual



Thermal circuit breaker

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 controles, starting, no-load and load test, Instruction of the customer on the maintenance of the genset.

Adaptor for industrial sockets

ERR: not found in dict valeurs

RBH1

Box of 24 o.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

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