

# KOHLER®

# SDMO®



## TECHNIC 6500 E AVR M

PORTABLE POWER

Generating Sets Range TECHNIC

### PRODUCT ADVANTAGES

- Entire group guaranteed 3 years
- KOHLER air-cooled industrial engine
- Connection interface equipped with an hour meter and the APM202 control unit
- Electric starter with batteries without maintenance
- AVR : Automatic tension regulation

**QUAD CLEAN AIR FILTER** The Cyclonic Quad Clean air filters provide 4 levels of filtration which effectively filter out large particles and capture the finest particles. They ensure a continuous supply of clean air to the engine, fuel economies, increase the engine performance and extend its lifetime

**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 TECHNIC

A long run time equipment that can withstand extreme conditions, for daily professional use.

## TECHNIC 6500 E AVR M

### GENERAL SPECIFICATIONS

Range	TECHNIC
Frequency (Hz)	50 Hz
Max power (kW) *	6.50
Nominal voltage (V)	230
Number of Phase	Single phase
Fuel	Petrol
Tank (L)	18
75% cons. (l/h) *	2.60
75% Autonomy (h) *	6.90
Sound power level guaranteed LwA dB(A)	97
Acoustic pressure level @1m in dB(A)	83
Acoustic pressure level @7m in dB(A)	69

### ENGINE SPECIFICATIONS

Engine brand	KOHLER
Engine type	CH440E
Distribution	O.H.V.
Start	Electrical Starter
Oil shutdown	Oui
Displacement (cm <sup>3</sup> )	429
Oil system capacity including filters (L)	1.30

### ALTERNATOR SPECIFICATIONS

Technology	Collar and brush
AVR Regulation	Yes
Indication of protection	IP 23
Insulation class	H

### PLUGS AND PANEL DESCRIPTIVE

1 230V 10/16A socket - circuit breaker + 1 230V 32A socket - circuit breaker + hour meter

### DIMENSIONS AND WEIGHT

Length (cm)	81
Width (cm)	55.50
Height (cm)	59
Dry Weight (kg)	101

### PACKAGING

Packaging type	Box
Length (cm)	82
Width (cm)	56.50
Height (cm)	60
Weight (kg)	104
Pallet type	120/80
Number of box by pallet	6
Pallet height (cm)	193
weight of the packaged Pallet (kg)	634

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5/16/2018

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SDMO Industries - 270 rue de Kerervern - CS 40047 - 29801 Brest cedex 9 - France - Tél. +33 (0)2 98 41 41 41 - www.kohlersdmo.com



This product meets the Qualigen charter, which aims to ensure a high level of quality and guarantee the safety of users. Qualigen: commitment to safety and quality.

### ACCESSORIES SUPPLIED



Funnel



Floor maintaining slot



Battery without maintenance



User and maintenance manual



Ergonomic handle grip

### OPTIONS



**R02B** This set includes a differential switch, a hour meter, the plugs and a thermal circuit breaker.



**RSTART2** Remote control in order to start or stop the generating set until a distance of 50 meters (needs the APM202 control panel)



**VERS050** Switches over automatically if the mains fails, 40A or 100A 1P or if the mains fails, 25A or 40A 3P (needs the installation of a APM202 control panel). Includes the battery charger.



**R05M** The manual changeover switch is used to connect and disconnect a generating set manually to a domestic circuit when there is a power cut.



**RKB1HD** Trolley kit for the generating sets of 6kW or below



**RKS2** Maintenance kit for KOHLER CH395 and CH440 engines.



**RH1** Cover for SDMO 's generating sets, welding sets and water pumps



**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



**RPQ** For earthing your generator set. Galvanised 1 m long spike, supplied with 2 m of 10 mm<sup>2</sup> cable.

