



PORTABLE
POWER

50 HZ

1 kW to 20 kW

GENERATING SETS
WELDING SETS
WATER PUMPS
POWER TAKE-OFF ALTERNATORS



PPW-PR-DU-EN-71

English UK and Ireland version

KOHLER[®]
SDMO[®]

contents:

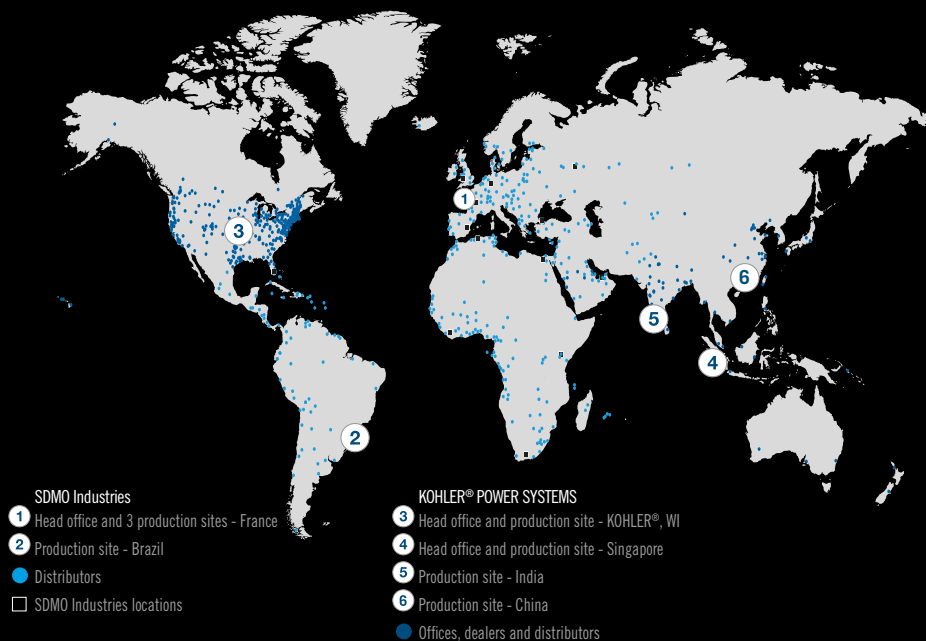
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NATIONAL COVERAGE, INTERNATIONAL PRESENCE.
THINK GLOBALLY, ACT LOCALLY.



In order for KOHLER-SDMO to continue to grow and meet the needs of new markets, it relies on: In France: 8 sales offices and 3 regional divisions. Globally: a distribution network present in over 150 countries, 6 subsidiaries, 7 offices.

The responsiveness of the company is based on its development of 6 storage platforms which, in co-operation with the subsidiaries, constitute an efficient commercial network.

Now that KOHLER and SDMO have joined forces, you are guaranteed to benefit from this fruitful partnership thanks to the increased presence of KOHLER-SDMO locations in your area.

- SDMO Energy LTD in the United Kingdom
- SDMO Industries Ibérica in Spain
- SDMO nv/sa in Belgium
- SDMO Maquigeral in Brazil
- SDMO Generating Sets in the USA
- SDMO GmbH in Germany





NUMBER 1 GENERATING SET MANUFACTURER IN FRANCE AND NUMBER 3 IN THE WORLD

From offshore drilling platforms to harsh desert conditions, from building sites to the most exacting industries, the reliability and performance of **KOHLER-SDMO generating sets** has firmly established the company as one of the leading global manufacturers.

SDMO Industries was created in 1966, setting up its head office and three factories in Brest, along with another plant in Brazil. Backed by an international group structure, KOHLER-SDMO continues to reinforce its leading position on the European market. **Today, the company focuses exclusively on generating sets, and offers the widest range on the market.**

Actively promoting constant progress and permanently in tune with its customers' most stringent requirements, the Research & Development and Engineering teams work in harmony to develop **innovative standard or bespoke solutions**. A distribution network covering 150 countries means that SDMO Industries is able to provide a dedicated and localized service to each and every one of its customers.

Fields of expertise: Telecommunications, Healthcare, Power Stations, Extraction sites, Banking, Insurance, Data centers, Military groups, Cogeneration, Large retail outlets, Agri-foods, Construction and Public Works, Industrial Vehicle Hire, Prestigious sites...

And, of course, ranges dedicated to the general public and professionals.



ADVANTAGES



CONSTANT INNOVATION TO BENEFIT YOUR PROJECTS

To offer you guidance when developing your projects, the KOHLER-SDMO Research & Development Department groups together 100 engineers and technicians. Their aim: to provide you with concrete solutions which feature the most innovative technologies.

A holistic process

The KOHLER-SDMO Research & Development Department is committed to working alongside you to ensure the success of your projects right up to the point of delivery, in line with the following 7 steps:

- understanding your requirements,
- analyzing your demands and constraints precisely,
- providing you with solutions adapted to these needs,
- integrating innovative technologies,
- designing complete programs,
- creating your installation,
- ensuring the maintenance and technical monitoring of your installation.

State-of-the-art tools

Trained to master the latest design and analysis tools, KOHLER-SDMO technicians can rely on advanced 3D modelling software incorporating a very precise structural calculation module.

The innovative techniques at their disposal enable them to meet the requirements of global standards with precision: reduction of pollutant emissions, noise attenuation, etc.



For sound emissions analysis, KOHLER-SDMO test engineers are able to obtain particularly fine results through use of the state-of-the-art technique of sound intensity measurement, associated with modal analysis to determine the vibration frequencies.

A RANGE DEDICATED TO ALL USES

Power Products

Performance meets power in this standard range dedicated to the most exacting professional applications. Combined with highly responsive services, such as the X-PRESS lead time solution, this range means we can supply a generating set anywhere in the world, with a very quick turnaround.

Power Solutions

Specific and adaptable, the generating sets in this range create innovative solutions able to meet highly exacting requirements. These generating sets and power plants use tried and tested technologies covering a broad spectrum of applications.



Rental Power

Versatile, robust and very quiet, essential criteria for this range specially designed for the rental market, with performance levels which enable it to meet specific, high intensity operating conditions.



Portable Power

Efficiency and ease of handling are the key features of this range, which meets the diverse needs of the professional market, whilst ensuring safety remains paramount.

HEALTH AND ENVIRONMENT

All products, accessories and options in the KOHLER-SDMO Portable Power range scrupulously respect the REACH European legislation which imposes on manufacturers and importers the responsibility of manufacturing, marketing, importing or using substances that do not have harmful effects on human health and the environment.

These measures are based on the principle of safety guidelines.

RESPONSIVENESS AND EFFICIENCY

With a responsive Services department that incorporates the After Sales Service and Spares, you have the assurance of supplies at any time, anywhere in the world.

Thanks to its ultra high performance logistics mechanism and its parts identification system, KOHLER-SDMO can locate and ship the part you need in the quickest possible time.

A permanent stock of 45,000 parts guarantees you availability of parts for all appliances for 10 years.



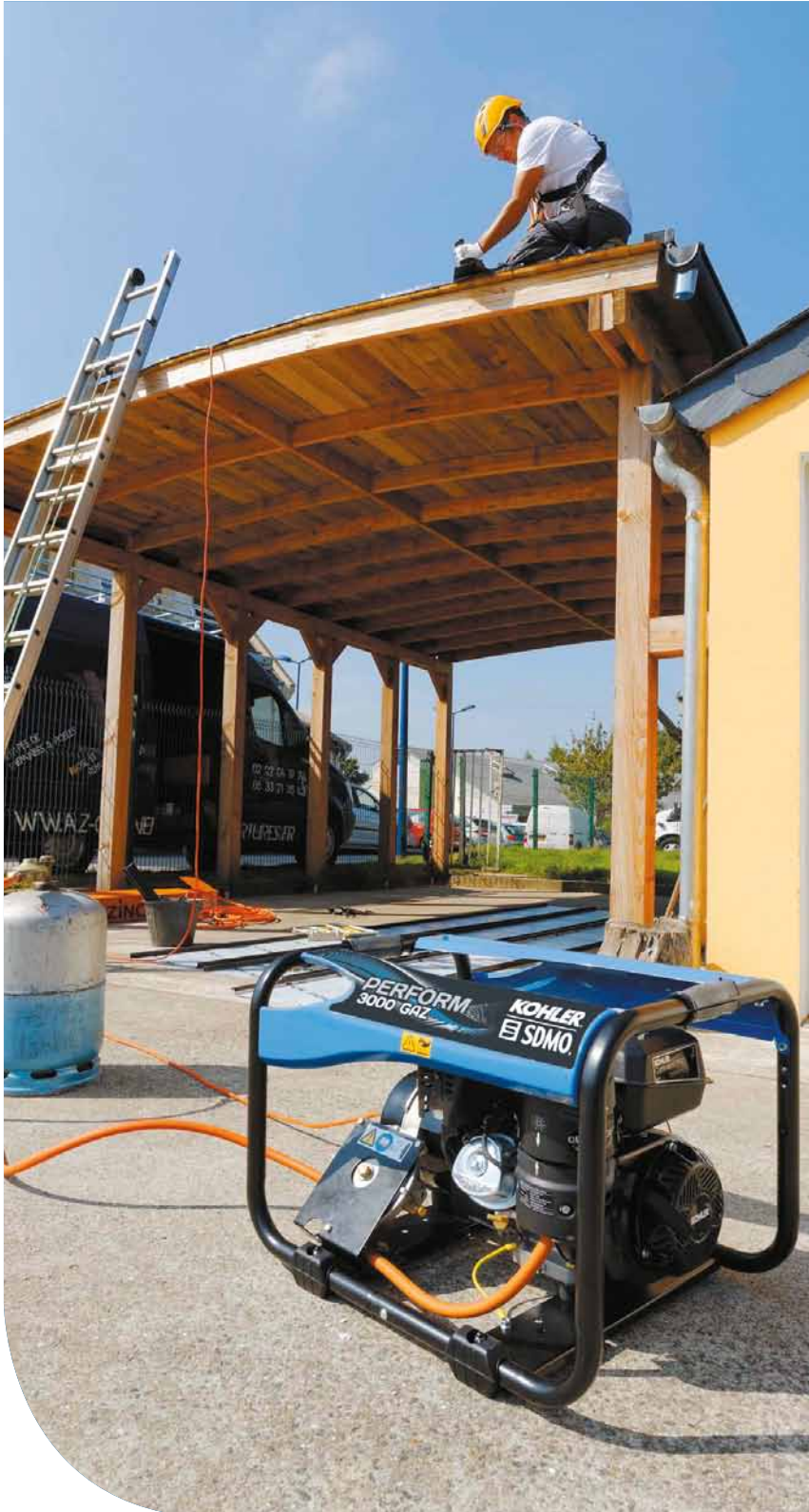
SERVICE AND TECHNICAL SUPPORT

To ensure you have effective support for the installation and maintenance of your generating sets and water pumps, KOHLER-SDMO's Services Department provides high-performance, highly responsive technical assistance, offering a remote system for immediate monitoring and fault finding.

KOHLER-SDMO also provides clear, attractive information (sales brochures, CD-Rom, POS display/info, etc.) and training programs adapted to your requirements and delivered on simulators capable of reproducing the most varied range of configurations.

Finally, the website www.kohlersdmo.com offers a "Selection guide" section, providing answers to all the most frequently asked questions.

PORTABLE POWER®: KOHLER-SDMO'S COMMITMENT TO YOU



SAFETY AND QUALITY

To create conditions which allow customers to make informed choices, professionals from the generating set (<10 KW) and electrical welding equipment industries have collectively decided to commit to the Qualigen charter, guaranteeing the respect of current European regulations and existing standards, particularly with regard to the following points:

- User safety,
- Sales information,
- Sound level,
- After Sales Service,
- Electrical power.



3-YEAR WARRANTY

For your safety, generating sets* and water pumps** benefit from a 3-year warranty.

* Equipment fitted with KOHLER® and HONDA® engines (excluding industrial range).

** Equipment fitted with KOHLER® engines.



10-YEAR WARRANTY

Spare parts: a permanent stock of 45,000 parts guarantees 10-year availability for all your equipment.



SOUND LEVEL

When this symbol is displayed next to a photo of our generating sets, it means they comply with Directive 2000/14/EC on noise emissions. Only generating sets with a name ending in "C" do not comply.



KOHLER-SDMO OPTIONS

KOHLER-SDMO products offer many options: trolley kit, differential protection, automatic control unit, manual source transfer switch, protective cover, maintenance kit, storage tray etc.

Refer to pages 38 to 41 for the references for these options.

GENERATING SETS DESIGNED TO MEET ALL THE NEEDS OF THE PROFESSIONAL MARKET

When designing even the smallest details of its high-performance and demanding generating sets, KOHLER-SDMO takes inspiration directly from the needs and constraints encountered in the field. KOHLER-SDMO's ongoing quest to streamline, improve ergonomics, reliability and safety, reduce the sound level and consumption, and much more, means that professionals benefit from the best technical solutions.

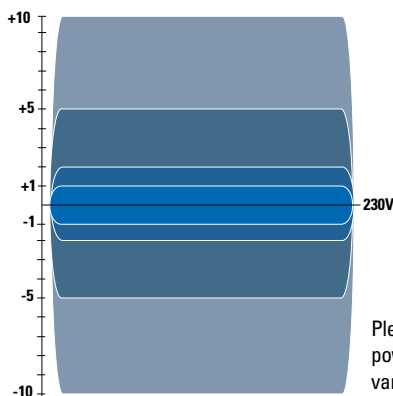
AN ADAPTED RESPONSE TO EVERY NEED

The larger alternator

Perfect for powering electronic equipment, the larger alternator provides a secure power supply on Perform 6500 and Perform 6500 XL generating sets: boasting a low harmonics level, it limits the variations in voltage and frequency of the current supplied, whilst absorbing impacts from the load at start-up.

Voltage regulation

This component electronically regulates the voltage by approximately +/- 2%, depending on the model. It has considerable advantages: it eliminates the risk of damage to high-tech appliances such as heating programmers, welding stations or certain electrical tools with electronic control devices.



Please note: Mains power grid - 10% variation in voltage

- INVERTER technology - 1% variation in voltage
- AVR* technology - Variation de tension 2%
- Larger alternator - 5% variation in voltage
- Standard alternator - 10% variation in voltage

* Automatic Voltage Regulation.



Design and ergonomics

Compact and streamlined, the silhouette of the Portable Power range has been carefully designed to evolve in harmony with KOHLER-SDMO technology and offer an increasingly practical operating logic.

The innovative structure of KOHLER-SDMO generating sets is fitted with ergonomic handles to facilitate transport and ingenious mounts which ensure stability in the most trying of circumstances. By reducing vibrations in the equipment, the stable mounts also optimize its service life.



KOHLER® ENGINES

OUR PARTNER IN EXCELLENCE

In line with our dynamic of constant progress, SDMO Industries has joined forces with US leader KOHLER®. An expert manufacturer of engines since 1920, and considered the benchmark by the engine industry across the world, it is the touchstone of the largest integrator brands. Always striving to be more competitive, KOHLER-SDMO generating sets are now combining their qualities with KOHLER®'s expertise to offer an unrivalled level of technical features and service life.



KOHLER DIESEL KD15-440 ENGINE

KOHLER® CH 440 ENGINE



ADVANTAGES OF KOHLER® ENGINES*

→ Performance and resilience

- Use of superior quality materials means they can withstand frequent, intensive use.

→ Maintenance and safety

- Reduced maintenance frequency thanks to automatic adjustment of the valve clearances.
- Perfectly safe system: if the oil level is not sufficient, the engine cuts out.
- The engine is protected using Quad Clean cyclonic filtration technology. The Quad Clean™ cyclonic filter offers 4 levels of filtration, designed to expel coarse particles and capture the finer ones. This ensures the air intake remains clean at all times, leading to fuel savings and safeguarding the engine's output and its service life.

→ Energy savings and user comfort

- Easy electric starting on generating sets identified by the letter "E".
- Low sound level thanks to a larger silencer, a soundproofed alloy sump and a specially designed air intake.
- Trouble-free start-up in extreme climate conditions thanks to a two-position summer/winter air filter.
- Carburetor system reducing fuel consumption.

* Advantages of KOHLER® engines in general. Available depending on the model.

GENERATING SETS

Range:

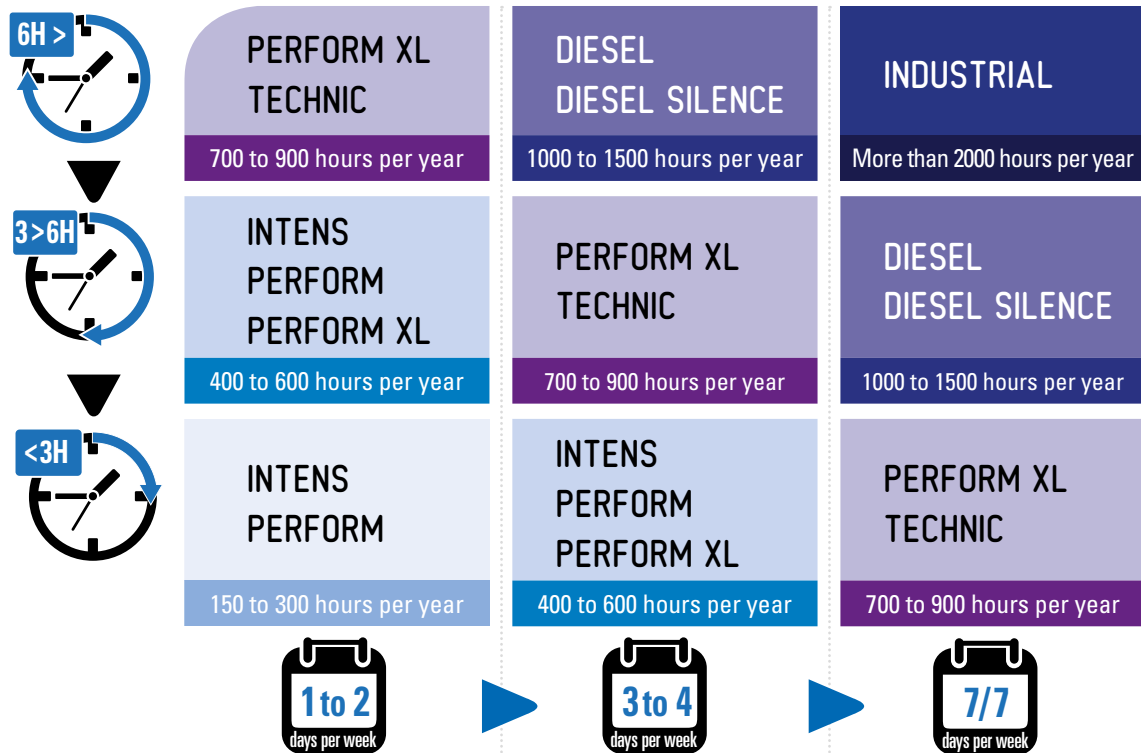
10 SELECTION GUIDE 12 INTENS 14 PERFORM 16 TECHNIC 18 PRESTIGE 20 DIESEL 22 INDUSTRIAL 24 RESIDENTIAL



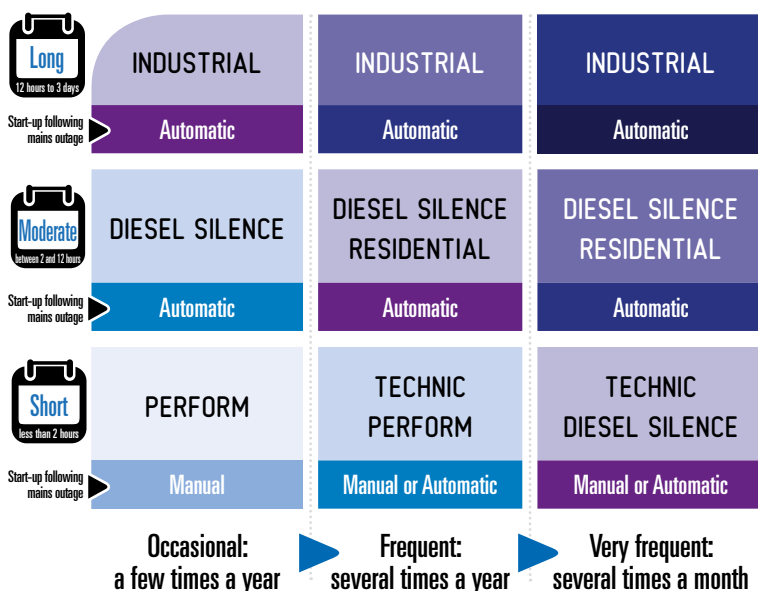
CHOOSING THE RIGHT GENERATING SET: 2 KEY CRITERIA FOR SELECTION

CHOOSING THE RIGHT MOBILE SITE GENERATING SET

Frequency and type of use: these are the two key criteria to be taken into account when choosing the right generating set or sets for your site.



CHOOSING THE RIGHT BACKUP GENERATING SET



KEY CRITERIA FOR SELECTION:

START-UP FOLLOWING MAINS OUTAGE:

- **Automatic:** In the event of a mains outage, the automatic control unit sends a starting order to the generating set. As soon as the generating set is producing power, the control unit switches the power source using its source transfer switch. Similarly, when the control unit detects the mains power has returned, it switches back to this primary source and orders the generating set to stop.
- **Manual:** Starting up the generating set and manually switching the source.

Did you know?

Petrol fuel for occasional use: choose alkylate petrol (or add a stabilizer) to prevent fuel deterioration.

STEP 2: SELECT THE POWER REQUIRED

BASED ON THE APPLIANCES YOU USE:

To help you select the right generating set for your needs, the guide opposite, provided for illustrative purposes, lists the appliances most often used with a generating set.

BASED ON THE MINIMUM POWER REQUIRED (MPR):

Some appliances require higher power at start-up than their actual running power requirement. You should take this into account when making your choice.

- To calculate the generating set power (single phase) you need at start-up, apply the coefficient given as a guide in the table below. For three phase generating sets, please consult your usual contact.
- For the minimum power requirement of your appliances, refer to the technical documentation supplied by the manufacturer or ask your KOHLER-SDMO agent for advice.

Find the right type of equipment in the table opposite.

Once you have defined the type of use and determined the power required, you then have all the information you need to select your generating set.



Example

You need to power a 1400 W grinder. You require a 3000 W generating set.

This is calculated as follows:

MPR x MPR coefficient (1.5 and 2)

Which gives:

1400 W x 1.5 = 2100 W

1400 W x 2 = 2800 W

(see table of coefficients opposite)

MINIMUM POWER REQUIRED BY TYPE OF APPLIANCE

RESISTIVE TOOLING



APPLIANCE	Appliance output* in Watts	MPR in Watts
Pancake griddle	3600	3600 to 4320
Mobile oven (with or without motor)	2000	2000 to 2400
Electric oven	2500	2500 to 3000
Pneumatic drill	1500	1500 to 1800
Drill	600	600 to 720
Electric hob	2000	2000 to 2400
Radiator	2000	2000 to 2400

LOW IMPACT TOOLING



Pulsed air heater	3000	4500 to 6000
Cutter/mixer/robot	1000	1500 to 2500
Halogen lamp	500	750 to 1000
Grinder	1400	2100 to 2800
Neon light	60	90 to 120
Inverter	6000	9000 to 12,000
Three-phase cellar drainage pump	400	600 to 800
Belt/vibrating sander	1000	1500 to 2500
Plane	1200	1800 to 2400
Wall chaser	1800	2700 to 3600
Circular saw	1800	2700 to 3600
Chainsaw	2000	3000 to 4000

HIGH IMPACT TOOLING



Vibrating flex	1000	3000 to 3500
Candy floss machine	1700	5100 to 5950
Industrial vacuum	1800	5400 to 6300
Concrete mixer	800	2400 to 2800
Air conditioning	3000	9000 to 10500
Single-phase compressor	1500	4500 to 5250
Three-phase compressor	2200	6600 to 7700
Mincer	1500	4500 to 5250
Plastering machine	2200	6600 to 7700
Mixer	1400	4200 to 4900
Mini cold shelf	500	1500 to 1750
Service lift	2600	7800 to 9100
Mortiser	2000	6000 to 7000
High-pressure cleaner	3000	9000 to 10,500
Pillar drill	800	2400 to 2800
Rotary/demolition hammer	1200	3600 to 4200
Dough mixer	1000	3000 to 3500
Heat pump	500	1500 to 1750
Single-phase submersible pump	500	1500 to 1750
Single-phase cellar drainage pump	300	900 to 1050
Fridge/freezer	300	900 to 1050
Meat slicer	200	600 to 700
Milking machine	1000	3000 to 3500

*Data provided as a guide.

GENERATING SETS

INTENS

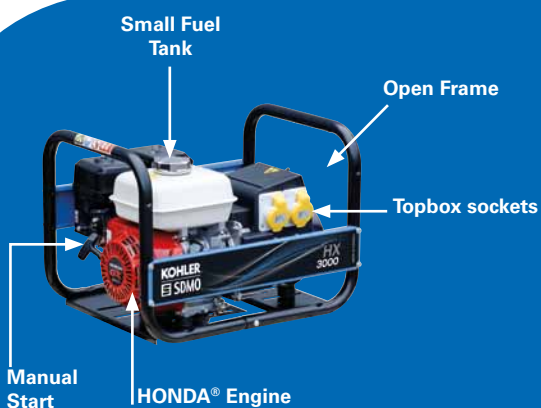
RESILIENCE
AND SIMPLICITY

HX 3000 TB UK

HX 4000 TB UK

HX 6000 TB UK

HX 7500 T



SINGLE PHASE GENERATING SETS

TYPES	HX 3000 TB UK	HX 4000 TB UK	HX 6000 TB UK
Max LTP (kW) ⁽¹⁾	3.0	4.0	6.0
Voltage regulation	Compound	Compound	Compound
Fuel tank (L)	3.1	5.3	6.1
Autonomy (Hours)	2.4	2.5	2.4
Guaranteed level of sound power (L _{wa}) in dB(A)	95	95	97
Acoustic pressure at 7 m in dB(A)	68	69	70
Brand	Honda®	Honda®	Honda®
Type	GX 200	GX 270	GX 390
HP at 3600 rpm	5.5	8.4	11.7
Weight in kg	41	56	79
Socket code ⁽²⁾	P20	P2E	P2H

THREE PHASE GENERATING SETS

TYPES	HX 7500 T
Max LTP (kW) ⁽¹⁾	6.0
Max LTP (kVA) ⁽¹⁾	7.5
Voltage regulation	Compound
Fuel tank (L)	6.1
Autonomy (Hours)	2.4
c) in dB(A)	97
Acoustic pressure at 7 m in dB(A)	70
Brand	Honda®
Type	GX 390
HP at 3600 rpm	11.7
Weight in kg	80
Socket code ⁽²⁾	P1J



- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 43.

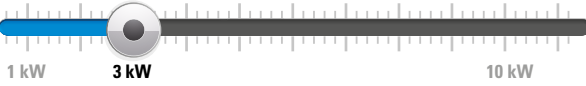
There is a range of options available for these generating sets. To view them, please turn to pages 38 to 41.

HX 3000 TB UK



- 3 kW - 230 V / 3 kW - 115 V
- HONDA® - GX 200 engine
- Sound level: 95 Lwa / 68 dB(A) at 7 m

Suggested use*:
perfect for powering a grinder.

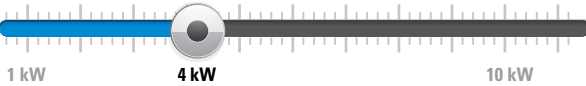


HX 4000 TB UK



- 4 kW - 230 V / 4 kW - 115 V
- HONDA® - GX 270 engine
- Sound level: 95 Lwa / 69 dB(A) at 7 m

Suggested use*:
perfect for powering a perforating machine.

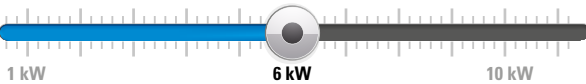


HX 6000 TB UK



- 6 kW - 230 V / 5.5 kW - 115 V
- HONDA® - GX 390 engine
- Sound level: 97 Lwa / 70 dB(A) at 7 m

Suggested use*:
perfect for powering a slotter.



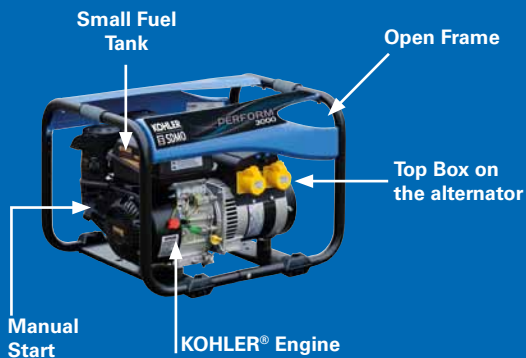
*Data provided as a guide.

GENERATING SETS

PERFORM & PERFORM XL

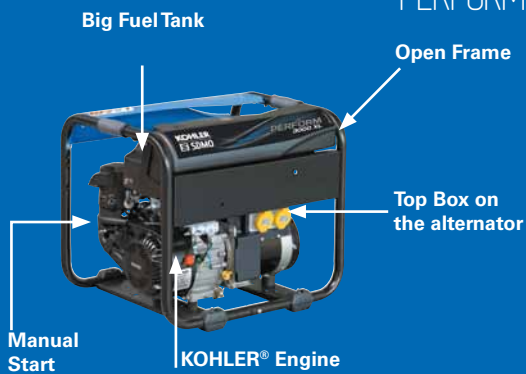
PERFORMANCE AND RESILIENCE

PERFORM & PERFORM GAZ



Gas piping only for Perform GAZ

PERFORM XL



PERFORM 7500 T



PERFORM 5500 T



PERFORM 3000 TB UK

PERFORM 4500 TB UK
PERFORM 5500 T

PERFORM



SINGLE PHASE GENERATING SETS

TYPES	PERFORM 3000 TB UK	PERFORM 4500 TB UK	PERFORM 4500 GAZ TB UK	PERFORM 6500 GAZ TB UK	PERFORM 3000 XL TB UK
Max LTP (kW) ⁽¹⁾	3.0	4.2	3.9 ⁽³⁾	5.8 ⁽³⁾	3.0
Voltage regulation	Compound	Compound	Compound	Oversized	Compound
Fuel tank (L)	4.1	7.3	-	-	13
Autonomy (Hours)	3.2	3.5	-(4)	-(4)	10
Guaranteed level of sound power (Lwa) in dB(A)	95	96	96	97	95
Acoustic pressure at 7 m in dB(A)	65	69	69	70	68
Brand	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	CH 270	CH 395	CH 395	CH 440	CH 270
HP at 3600 rpm	6	8.5	8.5	11.9	6
Weight in kg	45	61.5	63	87	46.5
Socket code ⁽²⁾	P2P	P2E	P2E	P2H	P2O

THREE PHASE GENERATING SETS

TYPES	PERFORM 5500 T	PERFORM 7500 T
Max LTP (kW) ⁽¹⁾	4.5	6.5
Max LTP (kVA) ⁽¹⁾	5.6	8.1
Voltage regulation	Oversized	Oversized
Fuel tank (L)	7.3	7.3
Autonomy (Hours)	3.5	2.8
Guaranteed level of sound power (Lwa) in dB(A)	96	97
Acoustic pressure at 7 m in dB(A)	69	70
Brand	KOHLER®	KOHLER®
Type	CH395	CH440
HP at 3600 rpm	8.5	11.9
Weight in kg	73.5	93.5
Socket code ⁽²⁾	P1J	P1J

- Not available.

• As standard.

(1) ISO 8528.

(2) Refer to the description of the sockets on page 43.

For PERFORM GAZ models: the outputs (kW and kVA) are given for a GAS supply. If PETROL is to be used, refer to the outputs for the PERFORM models given in the table above.

(3) Max LTP using GAS fuel.

(4) The autonomy depends on the size of the gas canister.

There is a range of options available for these generating sets. To view them, please turn to pages 38 to 41.

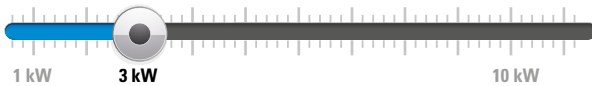
OUR SELECTION

PERFORM 3000 XL TB UK



- 3 kW - 230 V / 3 kW - 115 V
- KOHLER® CH 270 engine
- Sound level: 95 Lwa / 65 dB(A) at 7 m

Suggested use*:
perfect for powering a drill.

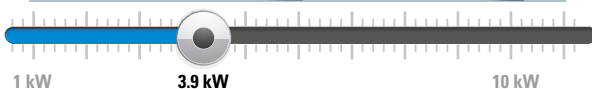


PERFORM 4500 GAZ TB UK



- 3.9 kW - 230 V / 4 kW - 115 V
- KOHLER® CH 395 engine
- Sound level: 96 Lwa / 69 dB(A) at 7 m

Suggested use*:
perfect for powering a food truck.



PRODUCT	BENEFITS
	<p>Equipment running on dual fuel (unleaded petrol or LPG).</p> <p>The benefits of LPG:</p> <ul style="list-style-type: none"> - Economic: consumption of LPG is 25% lower than petrol. - Autonomy: could increase sixfold as compared to running on gas (for a 13 kg gas canister). - Green: no odours and low harmful emissions.

PERFORM 6500 GAZ TB UK



- 5.8 kW - 230 V / 5.5 kW - 115 V
- KOHLER® CH 440 engine
- Sound level: 97 Lwa / 70 dB(A) at 7 m

Suggested use*:
perfect for powering a welding machine.



PRODUCT	BENEFITS
	<p>With its larger alternator which ensures the generating sets have a secure power supply, this model is perfect for electronic appliances. Boasting a low harmonics level, it limits the variations in voltage and frequency of the current supplied, whilst absorbing impacts from the load at start-up.</p>

*Data provided as a guide.

PERFORM

GENERATING SETS

TECHNIC

EVERYDAY
RESILIENCE
AND AUTONOMY
ON ALL TERRAINS

Big Fuel Tank

Open Frame

Socket panel

KOHLER® engine



TECHNIC 6500 UK

TECHNIC 6500 E AVR UK



SINGLE PHASE GENERATING SETS

TYPES	TECHNIC 6500 UK	TECHNIC 6500 E AVR UK	TECHNIC 6500 E AVR M UK
Max LTP (kW) ⁽¹⁾	6.5	6.5	6.5
Voltage regulation	Oversized	Oversized	AVR
Fuel tank (L)	18	18	18
Autonomy (Hours)	6.9	6.9	6.9
Guaranteed level of sound power (Lwa) in dB(A)	97	97	97
Acoustic pressure at 7 m in dB(A)	70	70	70
Brand	KOHLER®	KOHLER®	KOHLER®
Type	CH 440	CH 440E	CH 440E
Electric starter	-	•	•
HP at 3600 rpm	11.9	11.9	11.9
Weight in kg	88	101	101
Socket code ⁽²⁾	P2F	P2F	P2F

There is a range of options available for these generating sets. To view them, please turn to pages 38 to 41.

- Not available.

• As standard.

(1) ISO 8528.

(2) Refer to the description of the sockets on page 43.

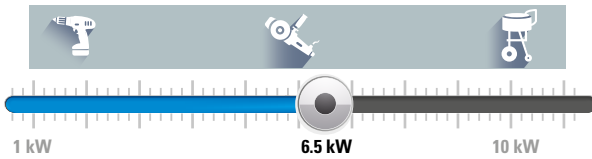
OUR SELECTION

TECHNIC 6500 UK



- 6.5 kW - 230 V / 5.5 kW - 115 V
- KOHLER® CH 440E engine
- Sound level: 97 Lwa / 70 dB(A) at 7 m
- Electric starter

Suggested use*:
perfect for powering an air compressor.

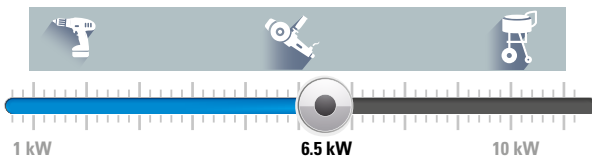


TECHNIC 6500 E AVR UK



- 6.5 kW - 230 V / 5.5 kW - 115 V
- KOHLER® - CH 440E engine
- Sound level: 97 Lwa / 70 dB(A) at 7 m
- Electric starter

Suggested use*:
perfect for powering a high-pressure cleaner.



TECHNIC 6500 E AVR M UK



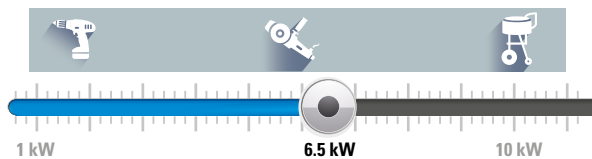
- 6.5 kW - 230 V / 5.5 kW - 115 V
- KOHLER® - CH 440E engine
- Sound level: 97 Lwa / 70 dB(A) at 7 m
- Electric starter

Suggested use*:
perfect for backup applications.



PRODUCT BENEFITS +

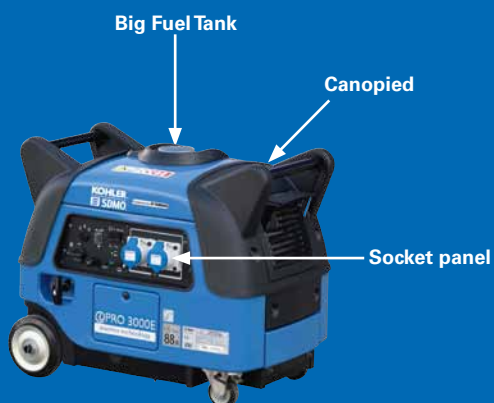
This generating set is equipped with APM202 control panel as standard.



TECHNIC

GENERATING SETS

PRESTIGE QUIETLY EFFICIENT



SINGLE PHASE GENERATING SETS

TYPES	INVERTER PRO 2000 UK	INVERTER PRO 3000 E PRINDUS
Max LTP (kW) ⁽¹⁾	2.0	3.0
Voltage regulation	Inverter	Inverter
Fuel tank (L)	4.2	13
Autonomy (Hours)	4.7	10
Guaranteed level of sound power (Lwa) in dB(A)	89	88
Acoustic pressure at 7 m in dB(A)	61	59
Brand	Yamaha®	Yamaha®
Type	MZ 80	MZ 175
Electric starter	-	•
HP at 3600 rpm	-	-
Weight in kg	21	68
Socket code ⁽²⁾	P2R	P2P

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 43.

PRODUCT BENEFITS

The coupling cable enables two INVERTER PRO 2000 generating sets to be connected up to create a more powerful generating set, with an output of 3 kW. Coupling cable available as an option (ref. RCC).



INVERTER PRO 3000E PRINDUS

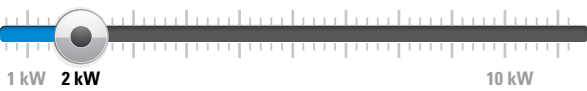


INVERTER PRO 2000 UK *Powered by* **YAMAHA**



- 2 kW - 230 V
- YAMAHA® - MZ80 engine
- Sound level: 89 Lwa / 61 dB(A) at 7 m

Suggested use*:
perfect for caravans.



PRODUCT BENEFITS

Inverter technology, which guarantees high current quality, stable genset voltage and frequency, reduced pollutant emissions, noise and fuel consumption.

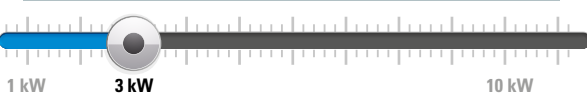


INVERTER PRO 3000 E PRINDUS



- 3 kW - 230 V
- YAMAHA® - MZ175 engine
- Sound level: 88 Lwa / 60 dB(A) at 7 m
- Electric starter

Suggested use*:
perfect for powering a mobile oven.



Powered by **YAMAHA**

PRODUCT BENEFITS

Equipped with the trolley kit as standard (4 wheels mounted on a base frame).



PRESTIGE

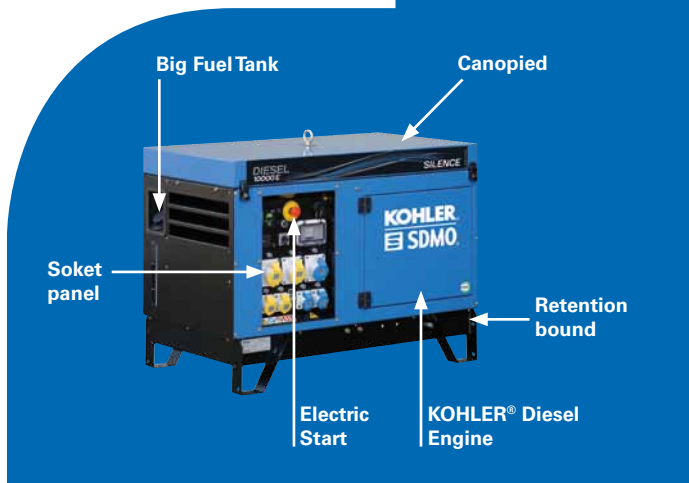
*Data provided as a guide.

GENERATING SETS

DIESEL SILENCE

COMPACT
AND QUIET

DIESEL 6000 E SILENCE UK - DIESEL 6000 E SILENCE AVR
DIESEL 6500 TE SILENCE - DIESEL 6500 TE SILENCE AVR



SINGLE PHASE GENERATING SETS

TYPES	DIESEL 6000 E SILENCE UK	DIESEL 6000 E SILENCE AVR	DIESEL 10000 E SILENCE UK	DIESEL 10000 E SILENCE AVR
Max LTP (kW) ⁽¹⁾	5.2	5.2	9	9
Voltage regulation	Compound	AVR	Oversized	AVR
Fuel tank (L)	27	27	27	27
Autonomy (Hours)	22.5	22.5	12.9	12.9
Guaranteed level of sound power (Lwa) in dB(A)	88	88	97	97
Acoustic pressure at 7 m in dB(A)	60	60	69	69
Brand	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD 440 E	KD 440 E	KD 425-2	KD 425-2
Electric starter	•	•	•	•
HP at 3600 rpm	9.8	9.8	19	19
Weight in kg	198	198	269	269
Socket code ⁽²⁾	P2Q	P1ZD	P2S	P1ZD

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 39.

THREE PHASE GENERATING SETS

TYPES	DIESEL 6500 TE SILENCE	DIESEL 6500 TE SILENCE AVR	DIESEL 15000 TE SILENCE	DIESEL 15000 TE SILENCE AVR
Max LTP (kW) ⁽¹⁾	5.2	5,2	10	10
Max LTP (kVA) ⁽¹⁾	6.5	6,5	12.5	12,5
Voltage regulation	Compound	AVR	Oversized	AVR
Fuel tank (L)	27	27	27	27
Autonomy (Hours)	22.5	22,5	12.9	12,9
Guaranteed level of sound power (Lwa) in dB(A)	88	88	97	97
Acoustic pressure at 7 m in dB(A)	60	60	69	69
Brand	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD 440E	KD 440E	KD 425-2	KD 425-2
Electric starter	•	•	•	•
HP at 3600 rpm	9.8	9,8	19	19
Weight in kg	215.5	215,5	275	275
Socket code ⁽²⁾	P1ZE	P1ZE	P1ZE	P1ZE



There is a range of options available for these generating sets. To view them, please turn to pages 38 to 41.

OUR SELECTION

DIESEL 6000 E SILENCE UK



- 5.2 kW - 230 V / 5.2 kW - 115 V
- KOHLER® DIESEL KD 440 E engine
- Sound level: 88 Lwa / 60 dB(A) at 7 m
- Electric starter
- Hydrocarbon retention container

Suggested use*:
 perfect for supplying power on an urban work site.



PRODUCT BENEFITS

Trolley kit as standard.

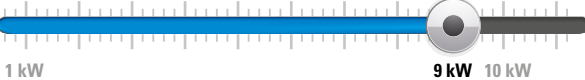


DIESEL 10000 E SILENCE UK



- 9 kW - 230 V / 9 kW - 115 V
- KOHLER® DIESEL KD 425-2 engine
- Sound level: 97 Lwa / 69 dB(A) at 7 m
- Electric starter
- Hydrocarbon retention container

Suggested use*:



PRODUCT BENEFITS

Simplified maintenance thanks to easy access to the various components.

Trolley kit as standard and road trailer (as an option)



DIESEL 15000 TE SILENCE AVR



- 10 kW - 230V / 12.5 kVA - 400V
- KOHLER® DIESEL KD 425-2 engine
- Sound level: 97 Lwa / 69 dB(A) at 7 m
- Electric starter
- Hydrocarbon retention container
- Voltage regulation (AVR) as standard

Exemple d'utilisation*:
 perfect for residential backup applications.

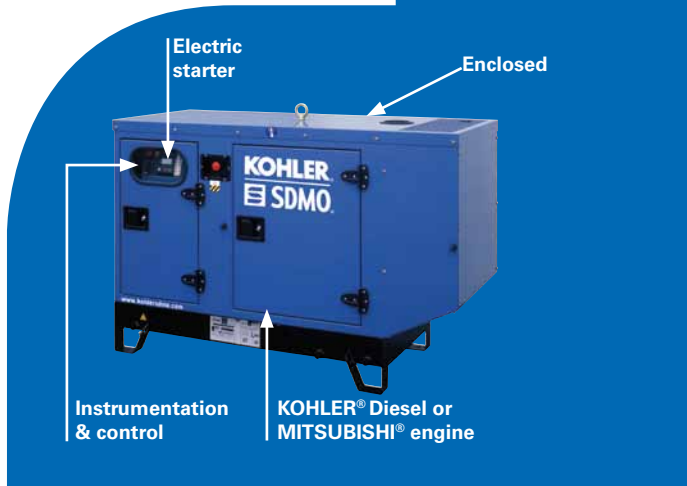


DIESEL SILENCE

*Data provided as a guide.

GENERATING SETS

INDUSTRIAL SOLUTIONS FOR ALL PERFORMANCE REQUIREMENTS



SINGLE-PHASE GENERATING SETS

TYPES	XP-K6M-ALIZÉ	XP-T9KM-ALIZÉ
Max ESP** (kW) ⁽¹⁾	6	8.6
Max ESP** (kVA) ⁽¹⁾	6	8.6
Max PRP* (kW) ⁽¹⁾	5.5	7.8
Max PRP* (kVA) ⁽¹⁾	5.5	7.8
Guaranteed level of sound power (L _{wa}) in dB(A)	83	87
Acoustic pressure at 7 m in dB(A)	54	58
Make	KOHLER®	Mitsubishi®
Type	KDW1003	S3L2-SD
Speed (rpm)	1500	1500
Electric starter	•	•
Fuel tank (L)	50	50
Consumption at 75% load (L/h)	2.3	3.2
Weight in kg	390	544
Socket code ⁽²⁾	P1C	P1C

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 43.

*PRP: Prime power available continuously in variable load applications for an unlimited number of hours per year in accordance with ISO8528-1. No overload available for this service.
**ESP: Emergency Standby Power available for supplying emergency power under variable load in accordance with ISO 8528-1, no overload available for this service.

THREE-PHASE GENERATING SETS

TYPES	XP-K9-ALIZÉ	XP-T12K-ALIZÉ	XP-K16H-ALIZÉ	XP-T16K-ALIZÉ
Max ESP** (kW) ⁽¹⁾	7.2	9.2	12.8	12.8
Max ESP** (kVA) ⁽¹⁾	9	11.5	16	16
Max PRP* (kW) ⁽¹⁾	6.4	8.4	11.6	11.6
Max PRP* (kVA) ⁽¹⁾	8	10.5	14.5	14.5
Guaranteed level of sound power (L _{wa}) in dB(A)	83	87	95	88
Acoustic pressure at 7 m in dB(A)	54	58	66	59
Make	KOHLER®	Mitsubishi®	KOHLER®	Mitsubishi®
Type	KDW1003	S3L2-SD	KDW 1003-H	S4L2-SD
Speed (rpm)	1500	1500	3000	1500
Electric starter	•	•	•	•
Fuel tank (L)	50	50	50	50
Consumption at 75% load (L/h)	2.3	2.3	3.63	4.2
Weight in kg	390	535	480	554
Socket code ⁽²⁾	P1V	P1V	P1V	P1V

There is a range of options available for these generating sets. To view them, please turn to pages 38 to 41.

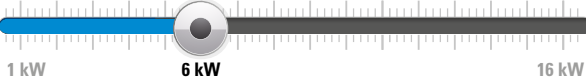
OUR SELECTION

XP-K6M-ALIZÉ



- 6 kW - 230 V
- KOHLER® KDW1003 engine
- Sound level: 83 LwA/54 dB(A) @ 7 m
- APM303 instrumentation & control as standard

Suggested use*:
perfect for simultaneously powering a large number of appliances.



PRODUCT BENEFITS

Equipped with the APM303 control/command module: a versatile unit equipped with a highly intuitive LCD screen. It offers high-quality basic functions, allowing easy and reliable operation of your generating set.

Main functions: manual and automatic mode (with auto start input), management and protection of the generating set, electrical measurements (including power), mechanical value measurements, automatic voltage and frequency detection, secure configuration on APM303 or PC.

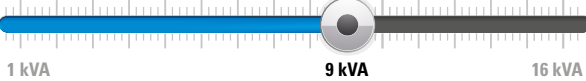


XP-K9-ALIZÉ



- 9 kVA - 400 V
- KOHLER® KDW1003 engine
- Sound level: 83 LwA/54 dB(A) @ 7 m
- APM303 instrumentation & control as standard

Suggested use*:
perfect for simultaneously powering a large number of appliances.

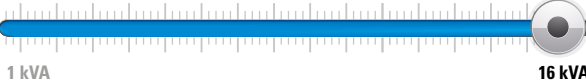


XP-K16H-ALIZÉ



- 12.8 kW/16 kVA - 400 V
- KOHLER® KDW 1003-H engine
- Sound level: 95 LwA/66 dB(A) @ 7 m
- APM303 instrumentation & control as standard

Suggested use*:
perfect for simultaneously powering a large number of appliances.



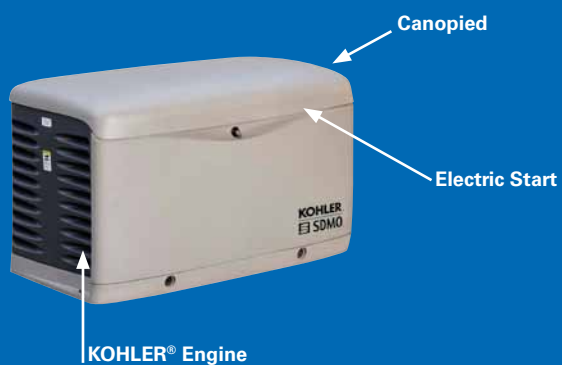
INDUSTRIAL

*Data provided as a guide.

GENERATING SETS

RESIDENTIAL

NEVER BE
WITHOUT ENERGY!



RESA 14 EC
RESA 14 TEC

RESA 20 EC
RESA 20 TEC



SINGLE PHASE GENERATING SETS

TYPES		RESA 14 EC	RESA 20 EC
Natural gas	Max ESP (kW) ⁽¹⁾	10	14
	Max ESP (kVA) ⁽¹⁾	10	14
	Consumption at 75% load (m ³ /h) ⁽²⁾	4.2	6.9
LPG ⁽²⁾	Max ESP (kW) ⁽¹⁾	11	15
	Max ESP (kVA) ⁽¹⁾	11	15
	Consumption at 75% load (kg/h) ⁽²⁾	3.55	4.48
	Guaranteed level of sound power (L _{wa}) in dB(A)	92	96
	Acoustic pressure at 7 m in dB(A)	64	69
	Brand	KOHLER®	KOHLER®
	Type	CH 740	CH 1000
	Electric starter	•	•
	Weight in kg	178	234

THREE PHASE GENERATING SETS

TYPES		RESA 14 TEC	RESA 20 TEC
Natural gas	Max ESP (kW) ⁽¹⁾	9,6	13,6
	Max ESP (kVA) ⁽¹⁾	12	17
	Consumption at 75% load (m ³ /h) ⁽²⁾	4,2	5,4
LPG ⁽²⁾	Max ESP (kW) ⁽¹⁾	10,4	14,4
	Max ESP (kVA) ⁽¹⁾	13	18
	Consumption at 75% load (kg/h) ⁽²⁾	3,55	4,48
	Guaranteed level of sound power (L _{wa}) in dB(A)	92	96
	Acoustic pressure at 7 m in dB(A)	64	69
	Brand	KOHLER®	KOHLER®
	Type	CH 740	CH 1000
	Electric starter	•	•
	Weight in kg	178	234

• As standard.
(1) ISO 8528.
(2) LPG: 0.535 m³ = 1kg.

There is a range of options available for these generating sets. To view them, please turn to pages 38 to 41.

OUR SELECTION

RESA 14 EC



- Natural gas: 10 kW - 230 V
- LPG: 11 kW - 230 V
- KOHLER® CH 740 engine
- Sound level: 92 Lwa / 64 dB(A) at 7 m



PRODUCT BENEFITS

Option to use either liquid propane gas or natural gas.

RESA 20 EC



- Natural gas: 14 kW - 230 V
- LPG: 15 kW - 230 V
- KOHLER® CH 1000 engine
- Sound level: 96 Lwa / 69 dB(A) at 7 m



PRODUCT BENEFITS

Option to use either liquid propane gas or natural gas.

RESA 20 TEC



- Natural gas: 13.6 kW - 230 V / 17 kVA - 400 V
- LPG: 14.4 kW - 230 V / 18 kVA - 400 V
- KOHLER® CH 1000 engine
- Sound level: 96 Lwa / 69 dB(A) at 7 m



PRODUCT BENEFITS

Option to use either liquid propane gas or natural gas.



RESIDENTIAL

WELDING SETS

CHOOSING THE RIGHT WELDING SET: THREE KEY CRITERIA FOR SELECTION

Essential for welding work on sites with no electricity or for carrying out maintenance procedures on insulated machines, WELDARC welding sets are practical, easily transported and operational in record time. Their ingenious design mean they can also be used alone as a back-up generator to supply electricity.

With KOHLER® engines integrated as standard on WELDARC models, they boast a high level of technological expertise combining power with performance, safety, resilience and reduced maintenance and operating costs.

1 SELECT THE FREQUENCY OF USE

For welding with all types of electrode and on highly technical materials, choose a welding set with direct voltage, such as the complete range of WELDARC models.

Two specific ranges are available to suit your frequency of use:

- The WELDARC INTENS range is a high-performance “2 in 1” solution (generating set + welding set), suitable for regular use.
- The WELDARC DIESEL range is a “2 in 1” solution (generating set + welding set), offering twice as much autonomy as petrol versions. It is particularly well-suited to intensive use.

2 SELECT THE TYPES OF ELECTRODES BEING USED

Each welding set offers the possibility of using different types of electrode, which it is important to define before choosing your welding set.

→ Rutile

A commonly used electrode with high flexibility of use.

→ Cellulose

An electrode suitable for downward welding.

→ Basic

An electrode for technical joining with a high level of safety. Use of this is recommended for parts subject to high levels of mechanical stress. It requires direct welding current.

The maximum rod diameter is also a key criteria when selecting your welding set. Remember to take it into consideration.

3 SELECT THE BACK-UP POWER YOU REQUIRE

All welding sets in the WELDARC range can also supply current, since they are fitted with auxiliary outputs. They can be used as standard generating sets and the choice of model for this function meets the same criteria as the other generating sets in the Portable Power range.

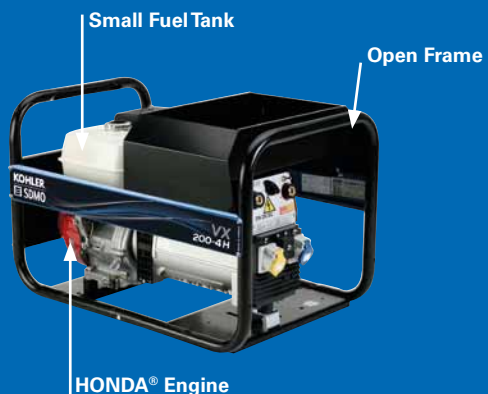


WELDING SETS

WELDARC

THE WELDING SOLUTION FOR OFF-GRID WORK SITES

VX 200/4 H UK



TYPES		VX 200/4 H UK
Output	Max LTP (kW)	4
	Max LTP (kVA) ⁽¹⁾	4
Welding	35% duty cycle (normal)	200
	60% duty cycle (intensive)	170
Rod	min ø (mm)	1.6
	max ø (mm)	4
Petrol	Autonomy in hours	2.4
	Guaranteed level of sound power (Lwa) in dB(A)	97
	Acoustic pressure at 7 m in dB(A)	70
	Brand	Honda®
	Type	GX390
	Weight in kg	87
	Socket code ⁽²⁾	P2B

(1) Calculated theoretical value for comparison.
(2) Refer to the description of the sockets on page 43.

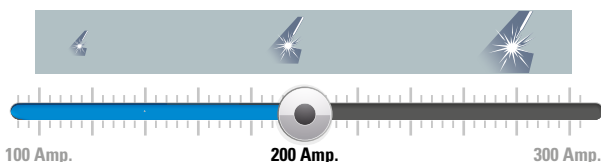
There is a range of options available for these generating sets. To view them, please turn to pages 38 to 41.

OUR SELECTION

VX 200/4 H UK



- HONDA® GX390 engine
- Duty cycle:
Intensive (60%): 170 Amp.
Normal (35%): 200 Amp.
- Min/max rod Ø: 1.6/4 mm
- Auxiliary output: 4 kVA⁽¹⁾ - 230 V (with circuit breaker)
- Sound level: 97 Lwa / 70 dB(A) at 7 m

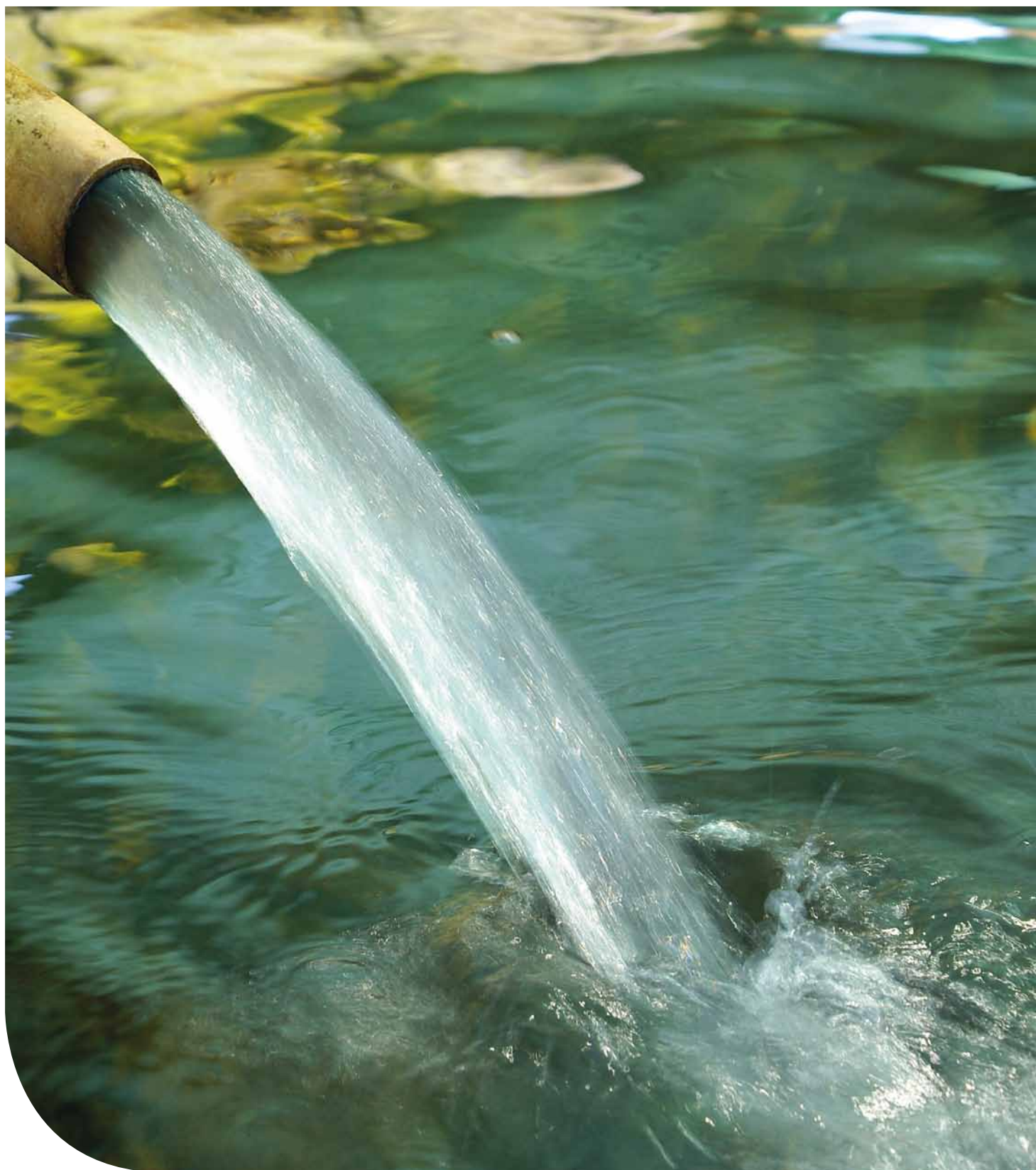


WATER PUMPS

Range:

30 AQUALINE INTENS

32 AQUALINE SPECIALIST



CHOOSING THE RIGHT WATER PUMP: THREE KEY STEPS FOR SELECTION

Designed to provide a solution adapted to suit the needs of every work site, from transferring clean water to the most specialised of treatments, AQUALINE water pumps clearly meet the expectations of professionals.

All SDMO® water pumps are self-priming: thanks to an integrated valve system, the liquid is fed mechanically into the intake pipe by pumping air.

Warning: before start-up, it is essential that the pump body is filled with liquid.

1 EVALUATE THE TYPE OF WATER OR LIQUID YOU WISH TO PROCESS

Because not all liquids that are pumped have the same characteristics, SDMO® water pumps respond to multiple applications, according to:

→ THE WATER QUALITY:

- **Clean water, or water with high or low levels of sediment**

Choose between 2 versions in the AQUALINE INTENS range according to the quality of the water to be pumped:

- The ST version, recommended for use with clean water, for fish farming activities, filling/emptying swimming pools, etc.
- The TR version, specially designed for sediment-laden water, in particular for pumping muddy trenches, pits, mudflats, etc.

- **Special liquids, water with very high levels of sediment and high pressure applications**

AQUALINE SPECIALIST water pumps are available in different versions, with technical features for 3 types of use:

- HP 2.26 H is a high-efficiency cleaning solutions for floors and patios and agricultural or site machinery. It is also acts as an incredibly useful back-up in the event of a fire.
- XC 2.34 H is recommended for agriculture applications, for pumping liquid fertilisers and also for treating salt water.
- XT 3.78 H and TRASH 4 modes are designed for water with very high levels of sediment, in particular for extreme and intensive use, and can process solid particles from 20 to 30 mm.

→ THE DELIVERY RATE AND PRESSURE DEPEND ON THE FRICTION LOSSES.

2 CALCULATING THE REQUIRED ELEVATION HEAD

The elevation is greater or lesser according to the configuration of the installation or the application (drainage, spraying, irrigation, emptying, washing). It is calculated using:

→ The suction head

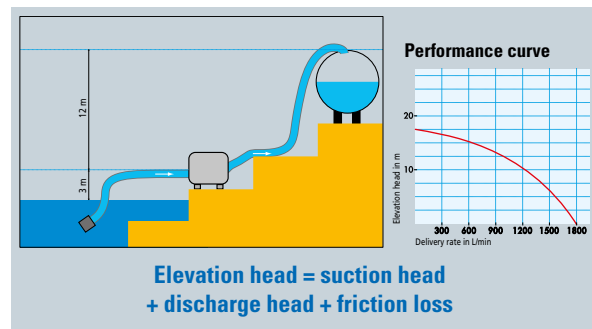
This is the height between the level of the pumped water and the pump centre line. For physical reasons, it cannot exceed 8 metres.

→ The discharge head

This is the height between the pump centre line and the highest point in the network.

→ The friction loss

This is the resistance encountered by the water in the pipes. It is calculated according to the length, diameter and quality of the pipes, their shape and the number of accessories (in general we estimate 20%).



3 DETERMINING THE DELIVERY RATES TO SELECT THE REQUIRED OUTPUT

The delivery rate corresponds to the maximum quantity of water that can be extracted at a given height. This is determined by plotting the elevation head in metres on the curve. The flow rate is calculated in L/min.

The elevation head determines the available pressure: divide it by 10 to obtain the pressure in bar. If this pressure is too low, a more powerful model should be chosen.

The delivery rate and the discharge head are the main criteria when choosing your water pump.

TECHNICAL SPECIFICATIONS

Model	AQUALINE INTENS				AQUALINE SPECIALIST			
	ST 2.36 H	ST 3.60 H	TR 2.36 H	TR 3.60 H	HP 2.26 H	XC 2.34 H	XT 3.78 H	TRASH 4
Propeller	Graphite cast iron				PET*		Graphite cast iron	
Volute casing	Cast iron		Graphite cast iron		PET*		Graphite cast iron	
Mechanical seal	Carbon/ceramic		Silicon carbide		Carbon/ceramic		Silicon carbide	
Removal of the flange	•	•	••	••	•	•	•••	•••

• Tool required •• Tool provided ••• No tool needed

* PolyEthylene Terephthalate

Silicon carbide: provides better resistance to abrasions, increased durability and reduced maintenance.

Graphite cast iron: harder, more durable material for better resistance to abrasions from pumped particles.

WATER PUMPS

AQUALINE INTENS

TRIED-AND-TESTED
DESIGN FOR WATER
WITH LOW LEVELS
OF SEDIMENT

PRODUCT BENEFITS +

HONDA® technology combined with ease of maintenance

Perfect for occasional processing of water with no or low levels of sediment, ST 2.36 H and ST 3.60 H water pumps are equipped with professional high-performance HONDA® engines, also suitable for more intensive use.

With a very high quality pump body, TR 2.36 H and TR 3.60 H models are designed for intensive processing of sediment-laden water, with complete peace of mind.

The removable front cover facilitates professionals' work, ensuring a quick cleaning process.

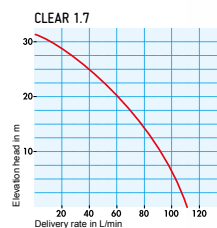
CLEAR 1.7 ST 2.36 H ST 3.60 H TR 2.36 H TR 3.60 H



WATER PUMPS

TYPES	CLEAR 1.7	ST 2.36 H	ST 3.60 H	TR 2.36 H	TR 3.60 H
Fluid type	Clean water	Clean water	Clean water	Water with low levels of sediment	Water with low levels of sediment
Fuel	2-stroke fuel (petrol/oil mix)	Petrol	Petrol	Petrol	Petrol
Intake diameter (mm)	25	50	80	50	80
Max delivery rate (m³/h)	6.6	36	54	36	54
Elevation head (m)	32	29	26	29	26
Granulometry (mm)	8	8	8	8	8
Guaranteed level of sound power (Lwa) in dB(A)	110	103	105	103	105
Acoustic pressure at 7 m in dB(A)	82	72	75	72	76
Make	-	Honda®	Honda®	Honda®	Honda®
Type	KC26	GX 120	GX 160	GX 120	GX 160
Autonomy (Hours)	0.75	2	3.4	2	3.4
Weight in kg	5.5	23	29	23	29

There is a range of options available for these water pumps; To view them, please turn to page 41.



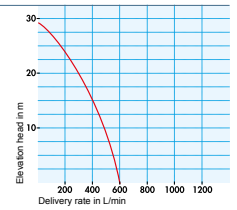
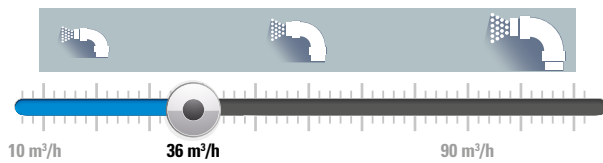
OUR SELECTION

ST 2.36 H



- Flow: 36 m³/h
- Elevation head: 29 m
- HONDA® GX 120 engine
- Maximum pressure: 2.9 bar

Suggested use*:
perfect for irrigation or draining swimming pools.

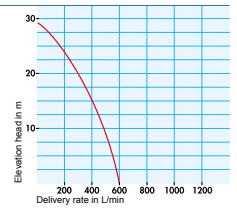
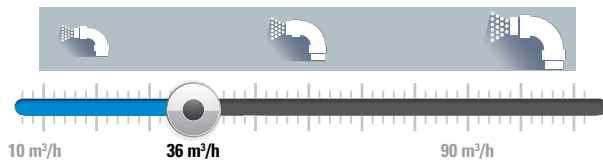


TR 2.36H



- Flow: 36 m³/h
- Elevation head: 29 m
- HONDA® GX 120 engine
- Maximum pressure: 2.6 bar

Suggested use*:
perfect for pumping out a cellar.

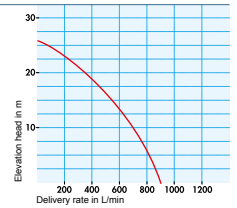
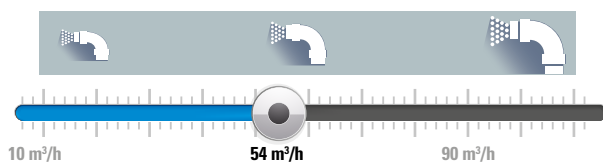


TR 3.60 H



- Flow: 54 m³/h
- Elevation head: 26 m
- HONDA® GX 160 engine
- Maximum pressure: 2.6 bar

Suggested use*:
perfect for pumping out muddy trenches on a work site.



AQUALINE INTENS

WATER PUMPS

AQUALINE SPECIALIST

PERFORMANCE
UNDER EXTREME
CONDITIONS

PRODUCT BENEFITS

**Increased durability
and enhanced
technical features**

Thanks to the hose kit available as an option (see page 41), the HP 2.26 H high-pressure water pump can be used as an indispensable tool for fighting fires.

HP 2.26 H XT 3.78 H TRASH 3 TRASH 4



WATER PUMPS

TYPES	HP 2.26 H	XT 3.78 H	TRASH 3	TRASH 4
Fluid type	High-pressure	Water with very high levels of sediment	Water with very high levels of sediment	Water with very high levels of sediment
Fuel	Petrol	Petrol	Diesel	Diesel
Intake diameter (mm)	50	80	80	100
Max delivery rate (m ³ /h)	26.4	80.4	65	96
Elevation head (m)	57	27	25	17
Granulometry (mm)	8	27	20	20
Guaranteed level of sound power (L _{wa}) in dB(A)	108	110	110	108
Acoustic pressure at 7 m in dB(A)	77	80	81	78
Make	Honda®	Honda®	KOHLER®	KOHLER®
Type	GX 160	GX 240	KD350	KD 350
Autonomy (Hours)	3.4	2.7	4.3	4.3
Weight in kg	30	58	67	90

There is a range of options available for these water pumps; To view them, please turn to page 43.

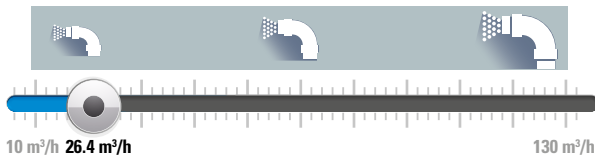
OUR SELECTION

HP 2.26 H



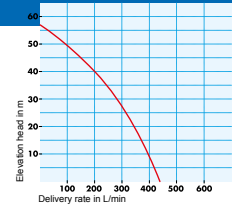
- Flow: 26.4 m³/h
- Elevation head: 57 m
- HONDA® GX 160 engine
- Maximum pressure: 5.7 bar

Suggested use*:
perfect for emergency fire-fighting or cleaning agricultural equipment.



PRODUCT BENEFITS

With a maximum pressure of approximately 6 bar, the HP 2.26 H can be used for high-pressure cleaning, such as farming vehicles; when teamed with the hose kit, it can also be used for fire-fighting.

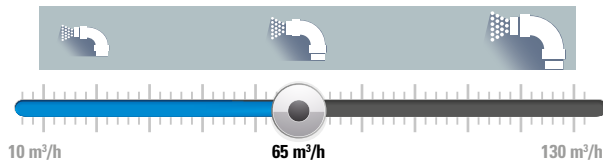


TRASH 3



- Flow: 65 m³/h
- Elevation head: 25 m
- KOHLER® KD350 engine
- Maximum pressure: 2.6 bar

Suggested use*:
perfect for pumping out muddy trenches on a work site.

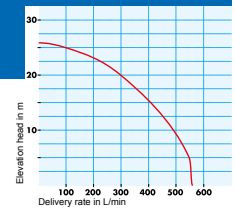


PRODUCT BENEFITS

Easy access to the turbine - no tools required.



Water pump shown with its accessories

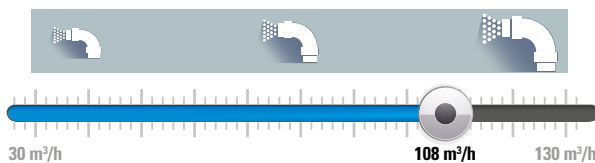


TRASH 4



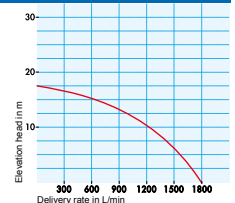
- Flow: 96 m³/h
- Elevation head: 17 m
- KOHLER® KD 350 engine
- Maximum pressure: 2.7 bar

Suggested use*:
perfect for pumping out muddy trenches on a work site.



PRODUCT BENEFITS

Equipped with a professional KOHLER® Diesel air-cooled engine.

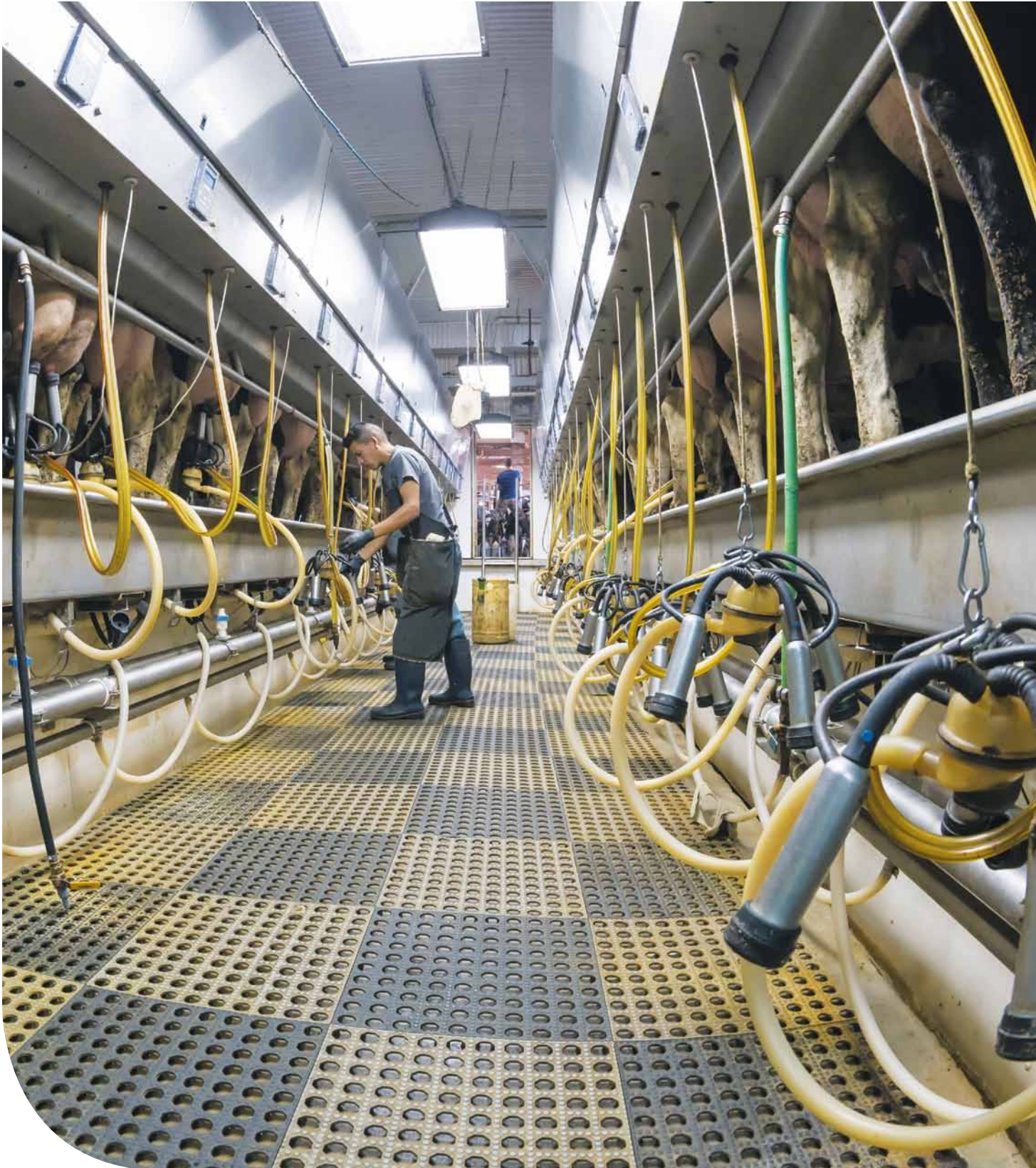


AQUALINE SPECIALIST

POWER TAKE-OFF ALTERNATORS

Range:

36 AGRI



POWER TAKE-OFF ALTERNATORS BENEFITS AS STANDARD!

Practical and efficient, power take-off alternators are energy generators driven by a tractor's power take-off. Equipped with a robust base frame, power take-off alternators have a "three-point" hitch to ensure they are easy to install. They are also simple to use: alternator with control unit, speed multiplier with drive shaft protection device.

Power take-off alternators also offer exceptional start-up capabilities, enabling them to meet the most exacting electrical power supply needs, with a high performance level and maximum reliability.

1 EASY TO TRANSPORT AND READY TO USE

The ready-to-use power take-off alternator means you can benefit from backup power which is easy to transport on your tractor.

2 ENERGY, WITHOUT THE NEED TO STORE ADDITIONAL FUEL

Produce electricity with your tractor: the multiplier transmits the mechanical force produced by the tractor at a given speed, and multiplies it to obtain the alternator's nominal speed. The type of multiplier depends on the generator's power in kVA.

3 LARGE OVERLOAD CAPACITY

- Permissible engine start-up capacity of 300% for 20 seconds, and 50% for 2 minutes. The power take-off alternator can accept an overload of 10% for 1 hour every 6 hours of service, known as the "Emergency service".
- AVR automatic voltage regulator electronically adjusts the voltage by +/- 1%, depending on the models.

4 MINIMAL MAINTENANCE

- No additional combustion engine requiring maintenance.
- Anti-rust paint.

5 TWO-YEAR WARRANTY (PARTS AND LABOR)



6 SIMPLE AND SAFE TO USE

- A straightforward, reliable, robust control unit, equipped with an IP54 certified electric panel. It includes:
 - three external power sockets for easy connection,
 - an adjustable three-phase differential integrated into the AGRIGEN and a bipolar circuit breaker for increased safety.



- AGRIGEN instrumentation and control



Alternateur			
	L1	L2	L3
V _{LL}	400	400	400
V _{LN}	230	230	230
Hz	50.0		

Alarms
Tension élevée
ID: 1103
Vérifier
alternateur

POWER TAKE-OFF
ALTERNATORS

AGRI

THE ENERGY
PRODUCTION
SOLUTION USING
THE TRACTOR'S
POWER TAKE-OFF

PRODUCT BENEFITS +

**AGRI GEN
instrumentation
and control**

- Large backlit screen for optimum readability whatever the conditions. Screen protected by a plastic cover. Simple to use with two navigation keys.
- Checking of electrical measurements (voltage, frequency, kW, kVA).
- Stored statistics (max voltage, max frequency, etc.).
- Stored list of events (low frequency, etc.).
- Alarm for min and max voltage, min and max frequency, overload, short-circuit, etc.

AGRI 30 AVR

AGRI 42 AVR

AGRI 50 AVR



POWER TAKE-OFF ALTERNATORS

TYPES		AGRI 30 AVR	AGRI 42 AVR	AGRI 50 AVR	AGRI 63 AVR
Product information	Engine speed	1500 rpm	1500 rpm	1500 rpm	1500 rpm
	PRP* 40°C (kVA)	30	42.5	50	63
	ESP** 27°C (kVA)	32.5	48	56	71
	AVR regulation	•	•	•	•
	Dimensions (lxxwxh) in cm	117x92x112	117x92x112	117x92x112	117x92x112
	Weight in kg	235	320	360	398
Tractor information	Sockets ⁽¹⁾	P1ZI	P1ZI	P1ZJ	P1ZJ
	Input speed	430 rpm	420 rpm	420 rpm	420 rpm
	Tractor output (kW/HP)	31/41	41/55	52/70	63/85

There is a range of options available for these generating sets. To view them, please turn to pages 38 to 41.

(1) Refer to the description of the sockets on page 43.

* as standard.

*PRP: Prime power available continuously in variable load applications for an unlimited number of hours per year in accordance with ISO8528-1.

No overload available for this service.

**ESP: Emergency Standby Power available for supplying emergency power under variable load in accordance with ISO 8528-1, no overload available for this service.

OUR SELECTION

AGRI 30 AVR



- Continuous nominal power: 30 kVA - 400 V
- Standby power (1h every 6h): 30.5 kVA – 400 V
- AVR as standard

Suggested use*:
perfect for powering a milking parlor.



PRODUCT BENEFITS



Automatic voltage regulation (AVR) varying by +/- 1%

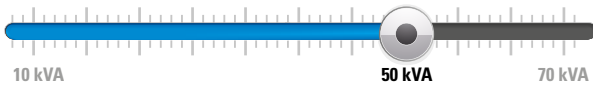


AGRI 50 AVR



- Continuous nominal power: 50 kVA – 400 V
- Standby power (1h every 6h): 52.5 kVA – 400 V
- AVR as standard

Suggested use*:
perfect for powering a milking parlor.



PRODUCT BENEFITS



Automatic voltage regulation (AVR) varying by +/- 1%

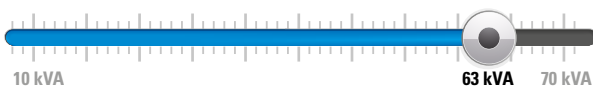


AGRI 63 AVR



- Continuous nominal power: 63 kVA – 400 V
- Standby power (1h every 6h): 65.5 kVA – 400 V
- AVR as standard

Suggested use*:
perfect for powering a milking parlor.



PRODUCT BENEFITS



Automatic voltage regulation (AVR) varying by +/- 1%



*Data provided as a guide.

ACCESSORIES & OPTIONS



FOR GENERATING SETS AND WELDING SETS ACCESSORIES SUPPLIED AS STANDARD

For commissioning

Funnel (except on Prestige, Diesel, Industrial and Residential ranges).



For maintenance

Illustrated operating and maintenance manual.



Maintenance log

This document is specially designed to accompany the appliance from purchase throughout its service life. It can be used to note the maintenance steps, servicing operations and any breakdowns etc.



For handling

Trolley kit:
4 wheels mounted on a base frame on the PRO 3000 E Inverter.



For storage

Storage tray for storing tools.



For safety

Differential protection on all generating sets in the Industrial range.

KOHLER-SDMO original spare parts

With 45,000 parts in stock and 30,000 available to order, based in premises spanning some 1700 m², 1200 m² of which are dedicated exclusively to storage and surface preparation, the KOHLER-SDMO Spare Parts Service ensures you can safeguard the future of your equipment.

The expertise of its 35 technicians and the efficiency of its parts identification tools mean your requirements can be defined quickly and accurately so that you can find the best parts or consumables for your equipment.

Backed by its reliable delivery partners, the KOHLER-SDMO Spare Parts Service is able to provide a responsive global supply of original, guaranteed KOHLER-SDMO spare parts.

Every day, 400 orders are dispatched all over the world, within a maximum delivery time of 72 hours.





BACKUP APPLICATION

GENERATING SET START MODE

Manual

Starting up the generating set and manually switching the source. This provides some degree of flexibility: the genset is not exclusively used for back-up energy.

Manual transfer switch

REF. MTS

This enables you to connect a generator to a dwelling and manually control, in total safety the source of current in the event of insufficient power or mains supply return. In the "mains" position, the dwelling is powered normally from the mains supply. In the event of a power cut, you simply start the generator so that it supplies power to the house wiring and turn the switch to the backup power position.

Accessory delivered separately



Remote control unit

REF. CM308

Separate unit with on/off button, generating set fault and operating indicator. Cable not provided.

Option exclusively factory-fitted



COMMISSIONING THE INSTALLATION

REF. RMS/RESRMS

Including: checking the installation compliance, level monitoring, start-up, off-load and on-load tests, customer instructions for residential generating set maintenance and servicing, commissioning acceptance confirmed by the technician and the customer. Contact the SDMO Industries sales department for a quote.

Automatic

In case of a failure, the generating set will start up automatically.

Automatic start panel

REF. VERSO 50M 40A*

40A single phase mains failure automatic source transfer switch.

REF. VERSO 50M 100A*

100A single phase mains failure automatic source transfer switch.

REF. VERSO 50T 25A*

25A three phase mains failure automatic source transfer switch.

REF. VERSO 50T 40A*

40A three phase mains failure automatic source transfer switch.

* Includes battery charger - Requires a MODYS-equipped generating set. The differential protection option is required for EEC countries.

Accessory delivered separately



REF. VERSO M*/VERSO T*

Control unit for automatic start-up upon mains failure. In the event of a mains power cut, the automatic control unit sends a starting order to the generating set. As soon as the generating set is producing power, the control unit switches the power source using its source transfer switch. Similarly, when the control unit detects the mains power has returned, it switches back to this primary source and orders the generating set to stop. The differential protection option is required for EEC countries.

* Includes prewiring for auto-startup + auto pack (battery charger + preheating)



REF. VERSO M*



REF. VERSO T*

REF. RESINS AND RESIN-T (FOR RÉSIDENTIELLE RANGE)

Automatic Transfer Switch upon 63A or 100A mains failure.

Accessories delivered separately for generating sets in the résidentielle range

SITE APPLICATION

HANDLING

Trolley kits

REF. R06

Trolley kit for 2- and 3-kW generating sets with a handle and puncture-proof tires (Ø 187 mm).



REF. RKB1HD

Trolley kit designed for gensets equipped with a Kohler engine of 6 kW or below with two handles and puncture-proof tires (Ø 300 mm).



REF. RKB2

Trolley kit designed for gensets equipped with a Kohler® engine above 6 kW with four handles and inflatable tires (Ø 300 mm).



REF. RKB3

Trolley kit with a handle and two puncture-proof tires (Ø 300 mm) for Diesel 6000 E SILENCE and Diesel 6500 TE SILENCE generating sets.



REF. RKB5

Trolley kit with a handle and two puncture-proof tires (Ø 300 mm) for Diesel 10000 E SILENCE and Diesel 15000 TE SILENCE generating sets.



Accessories delivered separately

Road trailers

REF. R08B

Lightweight road trailer with fixed drawbar, for occasional use, compatible with the Industrielle range. GVWR up to 750 kg with registration. Net weight: 200 Kg. Overall dimensions (H x L x W): 2915 x 1546 x 1531 mm. Articulated drawbar an option (please consult us).

REF. R08D

Lightweight road trailer with articulated braked drawbar. GVWR < 1000 kg with registration. Net weight of the trailer: 190 kg. Dimensions with generating set (L x W x H): 3390 x 1520 x 1770 mm.

REF. R08E

Lightweight road trailer with articulated drawbar for Diesel 10000 E Silence and Diesel 15000 TE Silence generating sets. GVWR up to 500 kg with registration. Net weight: 130 kg. Dimensions with generating set: 2968 x 1290 x 1080 mm.



Factory-fitted only options

Centralw lifting eye

REF. RLIFT + RLIFT1 + RLIFT2

Central lifting eye.

Accessories delivered separately



ACCESSORIES AND COMMON OPTIONS

DIFFERENTIAL PROTECTION

REF. R03

Control unit including differential and working hours counter. Earth connection diagram with earthed neutral. The R01 is installed as a fixed replacement for the RKD1 (excluding the Technic range). Factory-fitted only. The R03 includes a thermal circuit breaker.

REF. RESDIFF (FOR RESIDENTIELLE RANGE)

A device for protecting personnel and detecting leakage currents to earth from the electrical installation. It is fixed, and must be defined depending on the electrical installation, as 30 or 300 mA.

REF. R02B/R03B

Control unit including the tetrapolar differential switch in three phase (R03B), and bipolar differential switch in single phase (R02B).

Control unit fitted as a fixed replacement for the RKD1 on the Technic range.

Factory-fitted only options

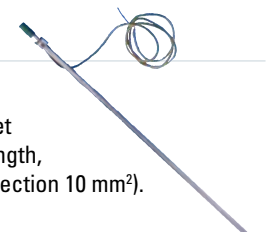
SECURITY

Earthing spike

REF. RPQ

For connecting your generating set to earth. Galvanised rod, 1 m in length, supplied with a 2 m cable (cross section 10 mm²).

Accessories delivered separately



REMOTE START

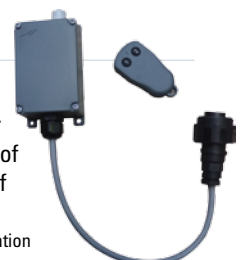
Wireless remote control

REF. RSTART2

Wireless remote control used to start or stop the generating set from a distance of up to 50 m*, or 100 m with the addition of an optional antenna.

* Requires the installation of a APM202 instrumentation & control.

Accessories delivered separately



ACCESSORIES AND DEDICATED OPTIONS

These accessories and options only relate to certain generating or welding sets.

Coupling cable

REF. RCC

Coupling cable used to connect 2 INVERTER PRO 2000 generating sets to obtain a total output of 3 kW. For INVERTER PRO 2000 only.

Accessories delivered separately



Differential protection

REF. RKD1

Set of 2 removable differential adaptors for domestic sockets. Earth connection diagram with insulated neutral. Option of non-removable solutions with working hours counter: see factory-fitted option.

Accessories delivered separately



Welding kit

REF. R10

Comprises 2 x 5 m cables, 1 earth clamp, 1 electrode holder, 1 hammer, 1 brush, 1 screen.

Accessories delivered separately



Set of male plug (R50+R51+R52+R53)

- R50: 16A blue 230V male plug.
- R51: 16A yellow 115V male plug.
- R52: 32A blue 230V male plug.
- R53: 32A yellow 115V male plug.

Accessories delivered separately



Adaptators (R54 + R55 + R56)

- R54: 16A/13A adaptor unit.
- R55: 16A/13A adaptor economy.
- R56: 16A/13A double adaptor.

Accessories delivered separately



Storage box

REF. RBAC

Removable storage box, available as an option on certain generating sets in the Perform and Diesel ranges.



ACCESSORIES AND OPTIONS FOR POWER TAKE-OFF ALTERNATORS

Manual source transfer switch

REF. VERSO10T63
REF. VERSO10T100

The 63 A and 100 A three-phase manual source transfer switch is used to connect a power take-off alternator from the tractor to a building and manually manage the power source in the event of mains outage and return.

Accessory delivered separately



Universal drive shaft

REF. CARDAN33 REF. CARDAN87
Freewheel universal drive shaft.
Accessory supplied separately

Male plug

REF. FM63A/FM125A
63A or 125A - 400V male plug.

Accessory delivered separately



MAINTENANCE

Oil

REF. RBH0.5/RBH1

0.5 L can (sold in a box of 24 cans) and 1 L can (sold in a box of 20 cans) of SAE 15W40 oil.

Accessories delivered separately



Protective cover

REF. RHO/RH1

Protective cover for general and winter storage.

Accessories delivered separately



Maintenance kits

REF. R18*

Maintenance kit for HONDA® GX 160 and GX 200 engines.

REF. R19*

Maintenance kit for HONDA® GX 270 and GX 390 engines.

REF. R33*

Maintenance kit for HONDA® GX 270 engine.

REF. RYS1*

Maintenance kit for Yamaha MZ50 engine.

REF. RYS2*

Maintenance kit for Yamaha MZ80 engine.

REF. RYS3

Maintenance kit for Yamaha MZ175 engine, including oil, spark plug, air filter element, air filter and air pre-filter.

REF. RKST1*

Maintenance kit for KOHLER® CH 270 engine.

REF. RKS2*

Maintenance kit for KOHLER® CH 395 and CH 440 engines.

REF. RKS5**

Maintenance kit for KOHLER® CH 640 engine.

REF. RKDS1***

Maintenance kit for KOHLER® KD350E and KD440E (Diesel 6000 E XL C and Diesel 6500 TE XL C) engines.

REF. RKDS2

Maintenance kit for KOHLER® KD440E engine (Diesel 6000 E Silence and Diesel 6500 TE Silence), including oil filter, fuel filter, fuel pre-filter and air filter.

REF. RKDS3**

Maintenance kit for KOHLER® KD425-2 engine.

* Each kit includes oil, spark plug and air filter.
** Each kit includes oil, spark plug, air filter and oil filter.
*** Each kit includes oil filter, fuel filter and air filter.

Accessories delivered separately

ACCESSORIES AND OPTIONS FOR WATER PUMPS

These accessories and options are specially designed for water pumps.

Pipe kits

REF. R11/R12

For 2" and 3" water pumps with 5 m intake + 25 m discharge.

REF. R16

For 1" water pumps with 5 m intake + 10 m discharge.

REF. R21

For 4" water pumps with 5 m intake + 25 m discharge.

Quick-release connections

REF. R13/R14

For 2" and 3" water pumps.

Hose kits

REF. R09

For HP 2.26 H water pump including 2 pump fittings, 25 m discharge pipe, 5 m intake pipe and a fire hose (with jet, spray and stop functions).

Strainer and clamps

For 2" and 3" water pumps.

Accessories supplied as standard



SINGLE-PHASE GENERATING SETS

Range	Name	Qualigen	Fuel	Max LTP (kW) ⁽¹⁾	Max LTP (kVA) ⁽¹⁾	Voltage regulation	Fuel tank (L)	Autonomy at 75% (h) ⁽¹⁾	Guaranteed level of sound power (Lwa) in dB(A)	Acoustic pressure at 7 m in dB(A)	Engine				Dimensions in cm			Weight in kg	Options ⁽³⁾											Socket code ⁽²⁾		
											Brand	Type	Electric starter	HP at 3600 rpm	L	W	H		Differential protection factory-fitted	Remote control	Automatic main failure	Commissioning	APM202 Control Panel	Trolley kit	Road trailer	Protective cover	Maintenance kit	Storage box	Lifting eye		Adaptater	
INTENS	HX 3000 TB UK	yes	petrol	3	Compound	3.1	2.4	95	66	Honda	GX200	no	5.5	59	46	43	41	-	-	-	-	-	R06	-	RHO	R18	-	-	-	-	R54-R55-R56	P20
	HX 4000 TB UK	yes	petrol	4	Compound	5.3	2.5	95	67	Honda	GX270	no	8.4	71.5	57	49	56	-	-	-	-	-	RKB2	-	RH1	R33	-	-	-	-	R54-R55-R56	P2E
	HX 6000 TB UK	yes	petrol	6	Compound	6.1	2.4	97	68	Honda	GX390	no	11.7	77	57	59	79	-	-	-	-	-	RKB2	-	RH1	R19	-	-	-	-	R54-R55-R56	P2H
PERFORM & PERFORM XL	PERFORM 3000 TB UK	yes	petrol	3	Compound	4.1	3.2	96	67	KOHLER®	CH270	no	6	65	51	46	45.5	-	-	-	-	-	RKB1HD	-	RHO	RKS1	RBAC	RLIFT1	-	-	R54-R55-R56	P2P
	PERFORM 4500 TB UK	yes	petrol	4.2	Compound	7.3	3.5	96	68	KOHLER®	CH395	no	8.5	71	55.5	49	62	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT	-	-	R54-R55-R56	P2E
	PERFORM 4500 GAS TB UK	yes	LPG	3.9	Compound	-	-	97	69	KOHLER®	CH395	no	8.5	81	55.5	49	63.5	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	-	-	R54-R55-R56	P2E
	PERFORM 6500 GAS TB UK	yes	LPG	5.8	Overized	-	-	97	69	KOHLER®	CH440	no	11.9	81	55.5	59	88.5	-	-	-	-	-	RKB1HD	-	RH1	RKS2	RBAC	RLIFT2	-	-	R54-R55-R56	P2H
	PERFORM 3000 XL TB UK	yes	petrol	3	Compound	13	10	95	67	KOHLER®	CH270	no	6	65	51	54	49.5	-	-	-	-	-	RKB1HD	-	RHO	RKS1	-	RLIFT1	-	-	R54-R55-R56	P20
TECHNIC	TECHNIC 6500 UK	yes	petrol	6.5	Overized	18	6.9	97	69	KOHLER®	CH440E	no	11.9	81	55.5	59	100	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	-	-	R54-R55-R56	P2G
	TECHNIC 6500 E AVR UK	yes	petrol	6.5	Overized	18	6.9	97	69	KOHLER®	CH440E	yes	11.9	81	55.5	59	105	-	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	-	-	R54-R55-R56	P2G
	TECHNIC 6500 E AVR M UK	yes	petrol	6.5	AVR	18	6.9	97	69	KOHLER®	CH440E	yes	11.9	81	55.5	59	105	-	RSTART	VERSO 50	RMS	•	RKB1HD	-	RH1	RKS2	-	RLIFT2	-	-	R54-R55-R56	P2G
PRESTIGE	INVERTER PRO 2000 UK	yes	petrol	2	Inverter	4.2	4.7	89	60	Yamaha	MZ80	no	-	49	28	44.5	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P2R
	INVERTER PRO 3000 E Prindus	yes	petrol	3	Inverter	13	10	88	59	Yamaha	MZ175	yes	-	68	44.5	55.5	68	-	-	-	-	-	-	Δ	-	-	-	-	-	-	-	P2P
DIESEL Silence	DIESEL 6000 E SILENCE UK	yes	diesel	5.2	Compound	27	22.5	88	59	KOHLER®	KD440E	yes	9.8	99	61.5	96	198	-	RSTART	VERSO 50	RMS	•	RKB3	-	-	-	-	-	-	-	-	P2Q
	DIESEL 6000 E SILENCE AVR	yes	diesel	5.2	AVR	27	22.5	88	59	KOHLER®	KD440E	yes	9.8	99	61.5	96	198	R02B	RSTART	VERSO 50	RMS	•	RKB3	-	-	-	-	-	-	-	-	P1ZD
	DIESEL 10000 E SILENCE UK	yes	diesel	9	Overized	27	12.9	97	67	KOHLER®	KD425-2	yes	19	118.3	67.3	96	269	-	RSTART	VERSO 50	RMS	•	RKB5	R08E	-	-	-	-	-	-	-	P2S
	DIESEL 10000 E SILENCE AVR	yes	diesel	9	AVR	27	12.9	97	67	KOHLER®	KD425-2	yes	19	118.3	67.3	96	269	R02B	RSTART	VERSO 50	RMS	•	RKB5	R08E	-	-	-	-	-	-	-	P1ZD

THREE PHASE GENERATING SETS

Range	Name	Qualigen	Fuel	Max LTP (kW) ⁽¹⁾	Max LTP (kVA) ⁽¹⁾	Voltage regulation	Fuel tank (L)	Autonomy at 75% (h) ⁽¹⁾	Guaranteed level of sound power (Lwa) in dB(A)	Acoustic pressure at 7 m in dB(A)	Engine				Dimensions in cm			Weight in kg	Options ⁽³⁾											Socket code ⁽²⁾		
											Brand	Type	Electric starter	HP at 3600 rpm	L	W	H		Differential protection factory-fitted	Remote control	Automatic main failure	Commissioning	APM202 Control Panel	Trolley kit	Road trailer	Protective cover	Maintenance kit	Storage box	Lifting eye			
INTENS	HX 7500 T	yes	petrol	6	7.5	Compound	6.1	2.4	97	69	Honda	GX390	no	11.7	77	57	59	80	R03	-	-	-	-	RKB2	-	RH1	R19	-	-	-	-	P1J
PERFORM	PERFORM 5500 T	yes	petrol	4.5	5.6	Overized	7.3	3.5	97	68	KOHLER®	CH395	no	8.5	71	55.5	49	73.5	R03	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT	-	-	P1J
	PERFORM 7500 T	yes	petrol	6.5	8.1	Overized	7.3	2.8	97	69	KOHLER®	CH440	no	11.9	81	55.5	59	93.5	R03	-	-	-	-	RKB1HD	-	RH1	RKS2	RBAC	RLIFT2	-	-	P1J
DIESEL Silence	DIESEL 6500 TE SILENCE	yes	diesel	5.2	6.5	Compound	27	22.5	88	59	KOHLER®	KD440E	yes	9.8	99	61.5	96	215.5	R03B	RSTART	VERSO 50	RMS	•	RKB3	-	-	-	-	-	-	-	P1ZE
	DIESEL 6500 TE SILENCE AVR	yes	diesel	5.2	6.5	AVR	27	22.5	88	59	KOHLER®	KD440E	yes	9.8	99	61.5	96	215.5	R03B	RSTART	VERSO 50	RMS	•	RKB3	-	-	-	-	-	-	-	P1ZE
	DIESEL 15000 TE SILENCE	yes	diesel	10	12.5	Overized	27	12.9	97	67	KOHLER®	KD425-2	yes	19	118.3	67.3	96	275	R03B	RSTART	VERSO 50	RMS	•	RKB5	R08E	-	-	-	-	-	-	P1ZE
	DIESEL 15000 TE SILENCE AVR	yes	diesel	10	6.5	AVR	27	12.9	97	67	KOHLER®	KD425-2	yes	19	118.3	67.3	96	275	R03B	RSTART	VERSO 50	RMS	•	RKB5	R08E	-	-	-	-	-	-	P1ZE

GENERATING SETS INDUSTRIAL RANGE

Range	Name	Max ESP (kW) ⁽¹⁾	Max ESP (kVA) ⁽¹⁾	Max PPP (kW) ⁽¹⁾	Max PPP (kVA) ⁽¹⁾	Guaranteed level of sound power (Lwa) in dB(A)	Acoustic pressure at 7 m in dB(A)	Engine				Dimensions in cm			Weight in kg	Options ⁽³⁾								Socket code ⁽²⁾	
								Brand	Type	Speed (rpm)	Electric starter	Fuel tank (L)	Consumption at 75% load (kg/h) ⁽¹⁾	L		W	H	Differential protection	Remote control	Automatic start panel	Commissioning	Control Panel APM303	Trailer		Voltage regulation
SINGLE PHASE	XP-T6KM-ALIZÉ	5.5	5.5	5	5	86	59	Mitsubishi	L3E-SD	1500	yes	50	2.2	150	76	103	390	•	CM308	VERSO-M	RMS	•	R08B	•	P1C
	XP-T9KM-ALIZÉ	8.6	8.6	7.8	7.8	86	58	Mitsubishi	S3L2-SD	1500	yes	50	3.2	175	77.5	123	544	•	CM308	VERSO-M	RMS	•	R08D	•	P1C
THREE PHASE	XP-T8K-ALIZE	6	7.5	5.5	6.8	86	59	Mitsubishi	L3E-SD	3000	yes	50	2.2	150	76	103	390	•	CM308	VERSO-T	RMS	•	R08D	•	P1V
	XP-T12K-ALIZÉ	9.2	11.5	8.4	10.5	86	58	Mitsubishi	S3L2-SD	1500	yes	50	3.2	175	77.5	123	535	•	CM308	VERSO-T	RMS	•	R08D	•	P1V
	XP-K16H-ALIZÉ	12.8	16	11.6	14.5	95	68	Kohler®	KDW1003-H	3000	yes	50	3.63	175	77.5	123	480	•	CM308	VERSO-T	RMS	•	R08D	•	P1V
	XP-T16K-ALIZÉ	12.8	16	11.6	14.5	87	59	Mitsubishi	S4L2-SD	1500	yes	50	4.2	175	77.5	123	554	•	CM308	VERSO-T	RMS	•	R08D	•	P1V

** Also available on R08E road trailer.

- Not available. • As standard. Δ 4 wheels mounted on a frame.

(1) ISO 8528.

(2) Refer to the description of the sockets on page 43.

(3) Refer to the description of the options on pages 38 to 41.

(4) Calculated theoretical value for comparison.

These technical specifications are provided on a preliminary basis and are subject to confirmation.

GENERATING SETS RESIDENTIAL RANGE

Range	Name	Fuel	Max ESP (kW) ⁽¹⁾			Consumption at 75% m³/h ⁽¹⁾	Fuel	Max ESP (kW) ⁽¹⁾			Consumption at 75% kg/h ⁽¹⁾	Guaranteed level of sound power (Lwa) in dB(A)	Acoustic pressure at 7 m in dB(A)	Engine			Dimensions in cm			Options ⁽³⁾		
			10	10	4.2			LPG	11	11				3,6	92	63	Brand	Type	Electric starter	L	W	H
SINGLE PHASE	RESA 14 EC	Natural gas	10	10	4.2	LPG	11	11	3,6	92	63	Kohler®	CH740	yes	121,6	66,5	73,3	178	RESINS	RESPF		
	RESA 20 EC	Natural gas	14	14	6.9	LPG	15	15	4,5	96	68	Kohler®	CH1000	yes	121,6	66,5	73,3	234	RESINS	RESPF		
THREE PHASE	RESA 14 TEC	Natural gas	9.6	12	4.2	LPG	10.4	13	3,6	92	63	Kohler®	CH740	yes	121,6	66,5	73,3	178	RESINS-T	RESPF		
	RESA 20 TEC	Natural gas	13.6	17	5.4	LPG	14.4	18	4,5	96	68	Kohler®	CH1000	yes	121,6	66,5	73,3	234	RESINS-T	RESPF		

WELDING SETS

Range	Name	Max LTP (kW) ⁽¹⁾	Max LTP (kVA) ⁽¹⁾	Welding						Tank in L	Autonomy at 75% (h) ⁽¹⁾	Guaranteed level of sound power (Lwa) in dB(A)	Acoustic pressure at 7 m in dB(A)	Engine		Dimensions in cm			Options ⁽³⁾					Socket code ⁽²⁾
				35% duty cycle (normal)	60% duty cycle (intensive)	Priming voltage (V)	Min rod diameter	Max rod diameter	Autonomy at 75% (h) ⁽¹⁾					Brand	Type	L	W	H	Weight in kg	Wheel kit	Storage box	Welding kit	Maintenance kit	
WELDARC	VX 200/4H UK	4	4	200	170	75	1.6	4	6.1	2.4	97	69	Honda	GX390	88	57	55.5	87	RKB2	•	R10	R19	RH2	P2C

WATER PUMPS

Range	Name	Motopompe										Tank in L	Autonomy in H ⁽¹⁾	Guaranteed level of sound power (Lwa) in dB(A)	Acoustic pressure at 7 m in dB(A)	Engine		Dimensions in cm			Options ⁽³⁾				
		Intake diameter (mm)	Discharge diameter (mm)	Maximum delivery rate (L/min)	Maximum delivery rate (m³/h)	Elevation head (m)	Suction head (m)	Granulometry (mm)	Automatic priming	Brand	Type					L	W	H	Weight in kg	Pipe kit	Quick-release connections	Trolley kit	Cover		
AQUALINE INTENS	CLEAR 1.7	25	25	110	6.6	32	8	8	yes	0.6	0.75	110	82	-	KC26	33.6	23.7	31.3	5.5	R16	-	-	-		
	ST 2.36 H	50	50	600	36	29	8	8	yes	2	2	103	72	Honda	GX120	46.8	36.2	38	23	R11	R13	RHO	-		
	ST 3.60 H	80	80	900	54	26	8	8	yes	3.1	3.4	105	75	Honda	GX160	50.5	14.4	44.8	29	R12	R14	RHO	-		
	TR 2.36 H	50	50	600	36	29	8	8	yes	2	2	103	72	Honda	GX120	46.8	36.2	38	23	R11	R13	RHO	-		
	TR 3.60 H	80	80	900	54	26	8	8	yes	3.1	3.4	105	76	Honda	GX160	50.5	14.4	44.8	29	R12	R14	RHO	-		
AQUALINE SPECIALIST	HP 2.26 H	50	50	440	26.4	57	8	8	yes	3.1	3.4	108	77	Honda	GX160	41.5	54.5	45.5	30	R09	RHO	-			
	XT 3.78 H	80	80	1340	80.4	27	8	27	yes	5.3	2.7	110	80	Honda	GX240	69	48.5	53.2	58	R12	R14	RHO	-		
	TRASH 3	80	80	1083	65	25	8	20	yes	4.3	4.3	110	81	Kohler®	KD350	71.5	57	59	67	R12	•	RH1	RKB2		
	TRASH 4	100	100	1800	96	17	8	20	yes	4.3	4.3	108	78	Kohler®	KD350	71.5	57	59	90	R21	•	RH1	RKB2		

POWER TAKE-OFF ALTERNATORS

Range	Name	PRP 40°C (kVA)	ESP 27°C (kVA)	Nominal voltage	Alternator			Tractor			Dimensions in cm			Weight in kg	Options ⁽³⁾						
					Number of poles	Type	Input speed	Engine output (kW)	Engine output (HP)	L	W	H	Manual source transfer switch		Universal drive shaft	Male plug	Male plug kit	Earthing rod	Socket code ⁽²⁾		
AGRI	AGRI 30 AVR	30	32.5	400	4	AVR	430	31	41	117	92	112	235	VERSO10T63	CARDAN33	FM63A	RPM	RPQ1	P1ZI		
	AGRI 42 AVR	42.5	48	400	4	AVR	420	41	55	117	92	112	320	VERSO10T63	CARDAN87	FM63A	RPM	RPQ1	P1ZI		
	AGRI 50 AVR	50	56	400	4	AVR	420	52	70	117	92	112	360	VERSO10T100	CARDAN87	FM125A	RPM	RPQ1	P1ZJ		
	AGRI 63 AVR	63	71	400	4	AVR	420	63	85	117	92	112	398	VERSO10T100	CARDAN87	FM125A	RPM	RPQ1	P1ZJ		

SOCKETS

Code	Specification
UK sockets	
P2B	1 115V 16A socket - circuit breaker + 1 230V 16A socket - circuit breaker
P2C	1 115V 16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 400V 16A socket - circuit breaker + APM303
P2E	1 115V 16A socket - circuit breaker + 1 115V 32A socket - circuit breaker + 1 230V 16A socket - circuit breaker
P2G	1 115V 16A socket - circuit breaker + 1 115V 32A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker + hour meter + indicator
P2H	1 115V 16A socket - circuit breaker + 1 115V 32A socket - circuit breaker + 2 230V 16A sockets - circuit breaker
P2O	2 115V 16A sockets - circuit breaker + 1 socket 230V 16A - circuit breaker
P2P	2 sockets 230V 16A - circuit breaker + 1 socket 12V 12A - circuit breaker + indicator
P2Q	1 115V 16A socket - circuit breaker + 1 115V 32A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker + hour meter + indicator + APM202
P2R	1 socket 230V 13A - circuit breaker + 1 socket 12V 12A - circuit breaker + indicator
P2S	2 115V 16A sockets - circuit breaker + 2 115V 32A sockets - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker + hour meter + indicator + APM202
European sockets	
P1L	2 230V 10/16A sockets - circuit breaker
P1J	1 230V 10/16A socket - circuit breaker + 1 400V 16A socket - circuit breaker
P1ZD	1 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker + hour meter + indicator + APM202
P1ZE	1 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 400V 16A socket - circuit breaker + hour meter + indicator + APM202

- Not available. • As standard.

(1) ISO 8528.

(2) Refer to the description of the sockets opposite.

(3) Refer to the description of the options on pages 38 to 41.

(4) Calculated theoretical value for comparison.

(5) APM303: Display of the following parameters: frequency, battery voltage, time delay, working hours counter and generating set speed.

(6) APM202: Display of the following parameters: overspeed, fail to start, oil pressure, battery and temperature.

These technical specifications are provided on a preliminary basis and are subject to confirmation.

SDMO ENERGY LTD

**PORTABLE POWER & RENTAL
POWER DIVISION**
UNIT 5, ASTON WAY
MIDDLEWICH - CHESHIRE, CW10 0HS
Tel: 01606 838120
Fax: 01606 837863
Email: generator@sdmo.co.uk
Website: www.uk.kohlersdmo.com

SUBSIDIARIES

GERMANY
SDMO GMBH
TEL. +49 (0) 63 32 97 15 0
FAX +49 (0) 63 32 97 15 11

**LATIN AMERICA
& CARIBBEAN**
SDMO GENERATING SETS
TEL. +1 (305) 863 0012
FAX +1 (954) 432 8330

BELGIUM
SDMO NV/SA
TEL. +32 36 46 04 15
FAX +32 36 46 06 25

BRAZIL
SDMO MAQUIGERAL
TEL. +55 (11) 37 89 60 00

SPAIN
SDMO INDUSTRIES IBERICA
TEL. +34 (9) 35 86 34 00
FAX +34 (9) 35 86 31 36

UK
SDMO ENERGY LTD
TEL. +44 (0) 16 06 83 81 20
FAX +44 (0) 16 06 83 78 63

NETHERLANDS
SDMO NV
TEL.: + 32 3 646 04 15
FAX: +32 3 646 06 25

OFFICES

SOUTH AFRICA
SDMO SOUTH AFRICA
TEL. +27 (0) 8 32 33 55 61
FAX +33 (0) 1 72 27 61 51

ALGERIA
SDMO ALGIERS
TEL. +213 (0) 21 68 12 12
FAX +213 (0) 21 68 14 14

DUBAI
SDMO MIDDLE EAST
TEL. +971 4 458 70 20
FAX +971 4 458 69 85

EGYPT
SDMO CAIRO
TEL./FAX + 20 2 22 67 12 78

RUSSIA
SDMO MOSCOW
TEL./FAX +7 495 665 16 98

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www.kohlersdmo.com

