PORTABLE POWER

50HZ

1 kW to 20 kW

GENERATING SETS
WELDING SETS
WATER PUMPS
POWER TAKE-OFF ALTERNATORS

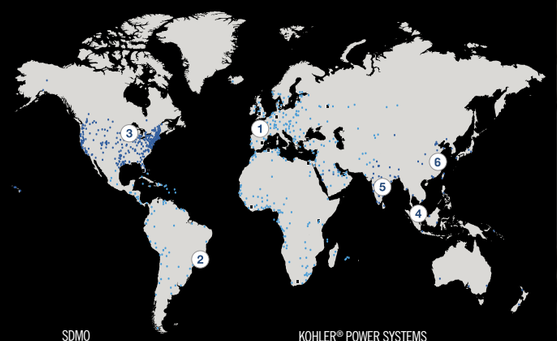
PPW-PR-DO-EN-61

SDMO®

Energy Solutions Provider

contents:

SDMO WORLDWIDE



SDMO
1. Head office and 3 production sites - France
2. Production site - Brazil
- Distributors
- SDMO locations

KOHLER® POWER SYSTEMS
3. Head office and production site - KOHLER®, WI
4. Head office and production site - Singapore
5. Production site - India
6. Production site - China
- Offices, dealers and distributors

SDMO Industries exports its production thanks to its network of distributors based in more than 150 countries, its eight representative offices (Johannesburg, Algiers, Dubai, Istanbul, Cairo, Moscow, Nairobi and Lomé), six storage platforms, five sales offices, three Regional Divisions and six subsidiaries:

- **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**

FRANCE'S LEADING GENERATING SET MANUFACTURER, AND THE WORLD NUMBER 3

From offshore drilling platforms to harsh desert conditions, from building sites to the most exacting industries, the reliability and performance of **SDMO® generating sets has firmly established the company as one of the leading global manufacturers.**
SDMO 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, SDMO® continues to reinforce its leading position on the European market. Today, SDMO **focuses exclusively on generating sets, and offers the widest range on the market.**
Actively promoting a culture of constant progress and permanently in tune with its customers' requirements, the Research & Development and Engineering teams work in harmony to develop **innovative standard or bespoke solutions.** A distribution network covering over 150 countries means that SDMO® is able to provide a dedicated and localised service to each and every one of its customers.

Areas of expertise: Telecommunications, Healthcare, Generating plants, Extraction sites, Banks, Insurance companies, Data centres, Military groups, Cogeneration, Major retail outlets, Agri-foods, Construction and Engineering, Rental Industrial transport, Prestige sites, and more.

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 SDMO® Research & Development Department groups together 100 engineers and technicians. Their goal is provide you with concrete solutions which feature the most innovative technologies.

A holistic process

The 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,
- analysing your demands and constraints precisely,
- providing you with solutions adapted to these needs,
- integrating innovative technologies.
- designing complete programmes,
- 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, 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, 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.

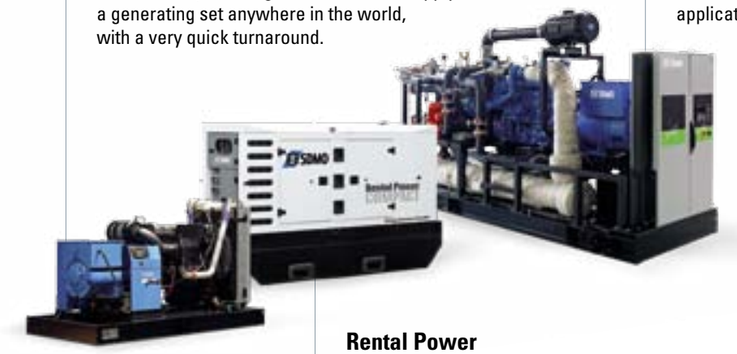
A RANGE DEDICATED TO ALL USES

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

reach

All products, accessories and options in the 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, 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, SDMO®'s Services Department provides high-performance, highly responsive technical assistance, offering a remote system for immediate monitoring and fault finding.

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

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

Technical Support France

Tel. N°Indigo 0 825 801 100
0,15 € TTC / MN

PORTABLE POWER®: 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 appliances.

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.

SDMO® OPTIONS

There is a range of options for SDMO products: trolley kit, differential protection, automatic control unit, manual source transfer switch, protective cover, maintenance kit, storage tray...

Refer to pages 44 to 49 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, SDMO® takes inspiration directly from the needs and constraints encountered in the field. 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.

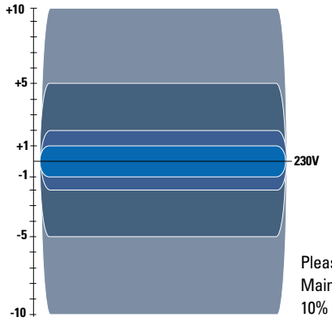
AN ADAPTED RESPONSE TO EVERY NEED

The larger alternator

Perfect for powering electronic devices, the larger alternator ensures a secure power supply on Perform 4500, Perform 4500 XL, 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, since 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* - 2% variation in voltage
- 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 SDMO® technology and offer an increasingly practical operating logic. The innovative structure of 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 optimise its service life.

Simplified maintenance thanks to clear engine access

Streamlined, functional design

KOHLER® ENGINES

OUR PARTNER IN EXCELLENCE

In line with our dynamic of constant progress, SDMO® 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, 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 secure 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.
- Carburising system reducing fuel consumption.

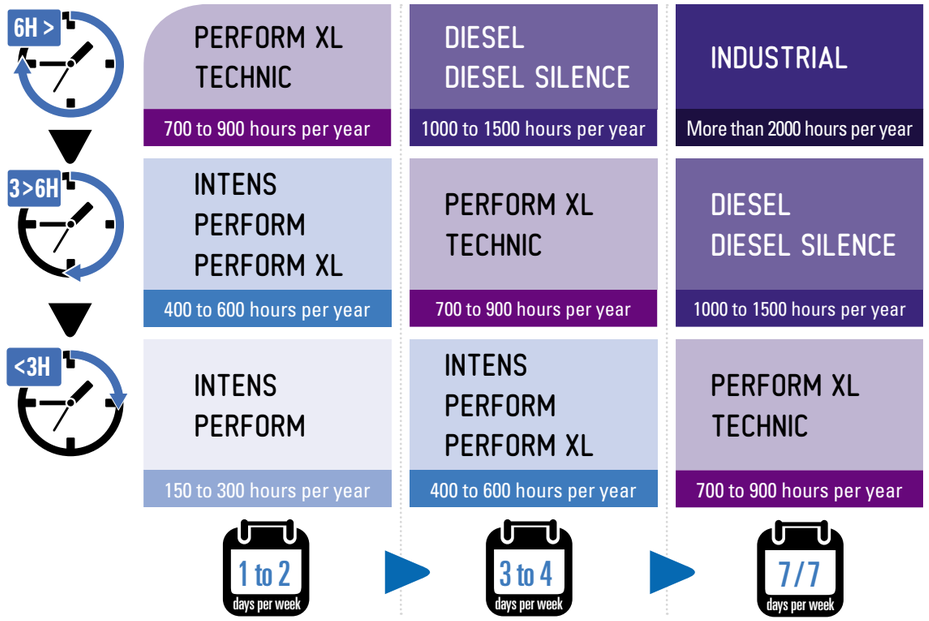
* Advantages of KOHLER® engines in general. Available depending on the model.

GENERATING SETS

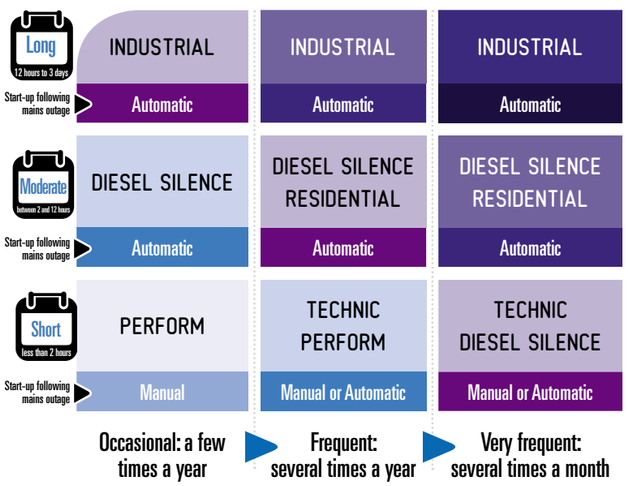
Range:

CHOOSING THE RIGHT MOBILE SITE GENERATING SET: TWO KEY CRITERIA FOR SELECTION

Duration and frequency 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 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.
- **Manual:** start the generating set and manually switch the source over.

Did you know?

For infrequently used appliances filled with petrol, choose alkylate petrol (or a fuel stabiliser) to prevent your petrol from degrading during storage.

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 SDMO® agent for advice.

Find the right equipment type 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 4200 W generating set.

This is calculated as follows:

MPR x MPR coefficient (3)

Which gives:

1400 W x 3 = 4200 W

(see coefficients table opposite)

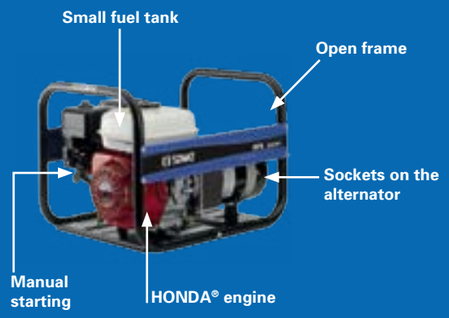
MINIMUM POWER REQUIRED BY TYPE OF APPLIANCE

APPLIANCE	Appliance output* in Watts	Max. MPR coefficient	MPR in Watts
Vibrating flex	1000	3.5	3500
Candy floss machine	1700	3.5	5950
Industrial vacuum	1800	3.5	6300
Concrete mixer	800	3.5	2800
Pulsed air heater	3000	2.5	7500
Air conditioning	3000	3.5	10500
Single phase compressor	1500	3.5	5250
Three phase compressor	2200	3	6600
Pancake griddle	3600	1.2	4320
Cutter / mixer / robot	1000	2.5	2500
Mobile oven (with or without motor)	2000	1.2	2400
Electric oven	2500	1	2500
Mincer	1500	3.5	5250
Halogen lamp	500	2	1000
Plastering machine	2200	3.5	7700
Mixer	1400	3.5	4900
Grinder	1400	3	4200
Mini cold shelf	500	4	2000
Service lift	2600	3.5	9100
Mortiser	2000	3.5	7000
Neon light	60	2	120
High pressure cleaner	3000	3.5	10500
Inverter	6000	2.5	15000
Drill	600	1.2	720
Pillar drill	800	3.5	2800
Rotary/demolition hammer	1200	3.5	4200
Dough mixer	1000	3.5	3500
Electric hob	2000	1	2000
Heat pump	500	3.5	1750
Single phase submersible pump	500	3.5	1750
Single phase cellar drainage pump	300	3.5	1050
Three phase cellar drainage pump	400	2.5	1000
Belt/vibrating sander	1000	2.5	2500
Plane	1200	2.5	3000
Radiator	2000	1.2	2400
Wall chaser	1800	2.5	4500
Fridge or freezer	300	3.5	1050
Circular saw	1800	2.5	4500
Hedge trimmer	700	1.5	1050
Meat slicer	200	3.5	700
Milking machine	1000	3.5	3500
Chainsaw	2000	2	4000

*Data provided as a guide.

INTENS

ROBUST YET SIMPLE



SINGLE PHASE GENERATING SETS

TYPES	HX 3000 (3)	HX 4000 (3)	HX 6000 (3)
Max LTP (kW)(1)	3.0	4.0	6.0
Voltage regulation	Standard	Standard	Standard
Fuel tank (L)	3.1	5.3	6.1
Autonomy (Hours)	2.4	2.5	2.4
Guaranteed level of sound power (Lwa) in dB(A)	95	95	97
Acoustic pressure at 7 m in dB(A)	66	67	68
Make	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)	P1L	P1L	P1H

THREE PHASE GENERATING SETS

TYPES	HX 7500 T (3)	HX 7500 T AVR IP54
Max LTP (kW)(1)	6.0	6.0
Max LTP (kVA)(1)	7.5	7.5
Voltage regulation	Standard	AVR
Fuel tank (L)	6.1	6.1
Autonomy (Hours)	2.4	2.4
Guaranteed level of sound power (Lwa) in dB(A)	97	97
Acoustic pressure at 7 m in dB(A)	69	69
Make	Honda®	Honda®
Type	GX 390	GX 390
HP at 3600 rpm	11.7	11.7
Weight in kg	80	101
Socket code(2)	P1J	P1Q

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.
(3) Also available in C version.


HX 7500 T

HX 7500 T AVR IP 54

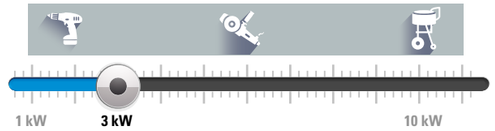
There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

OUR SELECTION

HX 3000

- 3 kW - 230 V
- HONDA® - GX 200 engine
- Sound level: 95 Lwa/66 dB(A) at 7 m

Suggested use*:
perfect for powering a grinder.



HX 4000

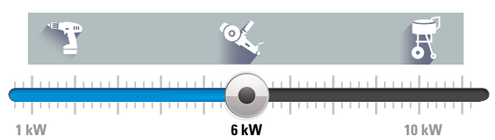
- 4 kW - 230 V
- HONDA® - GX 270 engine
- Sound level: 95 Lwa/67 dB(A) at 7 m

Suggested use*:
perfect for powering a rotary hammer.

HX 6000

- 6 kW - 230 V
- HONDA® - GX 390 engine
- Sound level: 97 Lwa/68 dB(A) at 7 m

Suggested use*:
perfect for powering a mortiser.

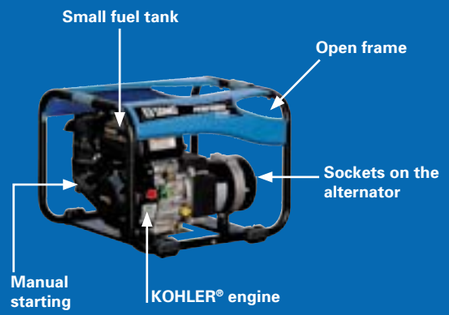


*Data provided as a guide.

INTENS

PERFORM

PERFORMANCE AND RESILIENCE



SINGLE PHASE GENERATING SETS

TYPES	PERFORM 3000	PERFORM 4500	PERFORM 6500	PERFORM 3000 GAZ	PERFORM 4500 GAZ	PERFORM 6500 GAZ
Max LTP (kW) (1)	3.0	4.2	6.5	2.4 (3)	3.9 (3)	5.8 (3)
Voltage regulation	Standard	Standard	Larger	Standard	Standard	Larger
Fuel tank (L)	4.1	7.3	7.3	-	-	-
Autonomy (Hours)	3.2	3.5	2.8	(4)	(4)	(4)
Guaranteed level of sound power (Lwa) in dB(A)	96	96	97	96	97	97
Acoustic pressure at 7 m in dB(A)	67	68	69	68	69	69
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	CH 270	CH 395	CH 440	CH 270	CH 395	CH 440
HP at 3600 rpm	6	8.5	11.9	6	8.5	11.9
Weight in kg	45	61.5	85.5	46.5	63	87
Socket code(2)	P1L	P1L	P1H	P1L	P1L	P1H

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	Larger	Larger
Fuel tank (L)	7.3	7.3
Autonomy (Hours)	3.5	2.8
Guaranteed level of sound power (Lwa) in dB(A)	97	97
Acoustic pressure at 7 m in dB(A)	68	69
Make	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 51.
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.

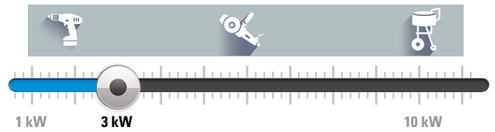
There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

OUR SELECTION

PERFORM 3000

- 3 kW - 230 V
- KOHLER® CH 270 engine
- Sound level: 96 Lwa/67 dB(A) at 7 m

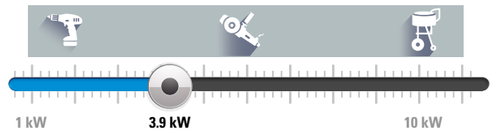
Suggested use:
perfect for powering a drill.



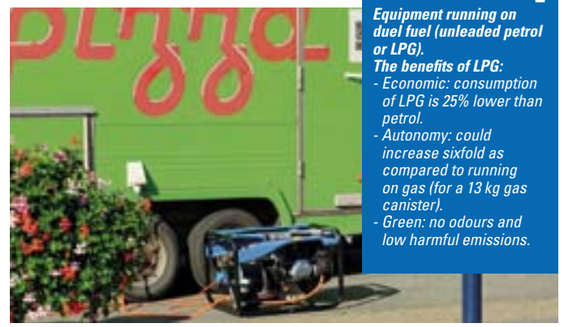
PERFORM 4500 GAZ

- 3.9 kW - 230 V
- KOHLER® CH 395 engine
- Sound level: 97 Lwa / 69 dB(A) at 7 m

Suggested use:
perfect for powering a food truck.



PRODUCT BENEFITS

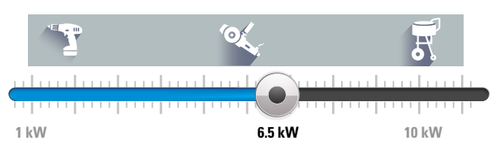


Equipment running on duel fuel (unleaded petrol or LPG).
The benefits of LPG:
- Economic: consumption of LPG is 25% lower than petrol.
- Autonomy: could increase sixfold as compared to running on gas (for a 13 kg gas canister).
- Green: no odours and low harmful emissions.

PERFORM 6500

- 6.5 kW - 230 V
- KOHLER® CH 440 engine
- Sound level: 97 Lwa / 69 dB(A) at 7 m

Suggested use:
perfect for powering a welding set.



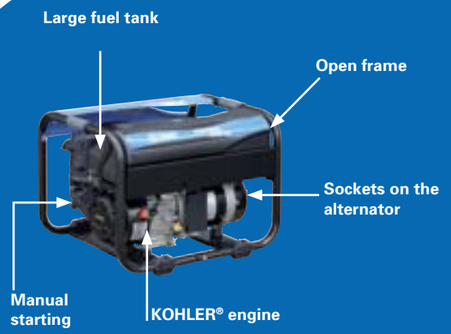
PRODUCT BENEFITS

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.

*Data provided as a guide.

PERFORM XL

PERFORMANCE, STRENGTH AND AUTONOMY



SINGLE PHASE GENERATING SETS

TYPES	PERFORM 3000 XL	PERFORM 4500 XL	PERFORM 6500 XL
Max LTP (kW)(1)	3.0	4.2	6.5
Voltage regulation	Standard	Standard	Larger
Fuel tank (L)	13	18	18
Autonomy (Hours)	10	10.6	6.9
Guaranteed level of sound power (Lwa) in dB(A)	95	97	97
Acoustic pressure at 7 m in dB(A)	67	68	69
Make	KOHLER®	KOHLER®	KOHLER®
Type	CH 270	CH 395	CH 440
HP at 3600 rpm	6	8.5	11.9
Weight in kg	46.5	66.5	87
Socket code(2)	P1L	P1L	P1H

THREE PHASE GENERATING SETS

TYPES	PERFORM 5500 T XL	PERFORM 7500 T XL
Max LTP (kW)(1)	4.5	6.5
Max LTP (kVA)(1)	5.6	8.1
Voltage regulation	Larger	Larger
Fuel tank (L)	18	18
Autonomy (Hours)	10.6	6.9
Guaranteed level of sound power (Lwa) in dB(A)	97	97
Acoustic pressure at 7 m in dB(A)	68	69
Make	KOHLER®	KOHLER®
Type	CH 395	CH 440
HP at 3600 rpm	8.5	11.9
Weight in kg	76.5	94.5
Socket code(2)	P1J	P1J

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

AUTONOMY (Hours)	"Conventional" version	"XL" version
PERFORM 3000	3.2	10
PERFORM 4500	3.5	10.6
PERFORM 6500	2.8	6.9

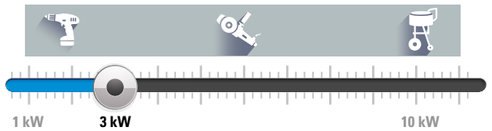
There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

OUR SELECTION

PERFORM 3000 XL

- 3 kW - 230 V
- KOHLER® CH 270 engine
- Sound level: 95 Lwa/67 dB(A) at 7 m

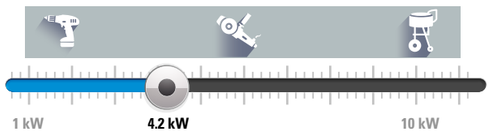
Suggested use:
perfect for powering a winch.



PERFORM 4500 XL

- 4.2 kW - 230 V
- KOHLER® CH 395 engine
- Sound level: 97 Lwa/68 dB(A) at 7 m

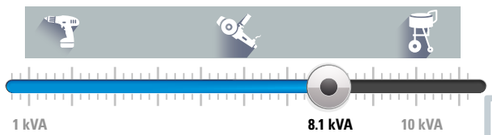
Suggested use:
perfect for powering a circular saw.



PERFORM 7500 T XL

- 6.5 kW / 8.1 kVA - 400 V
- KOHLER® CH 440 engine
- Sound level: 97 Lwa / 69 dB(A) at 7 m

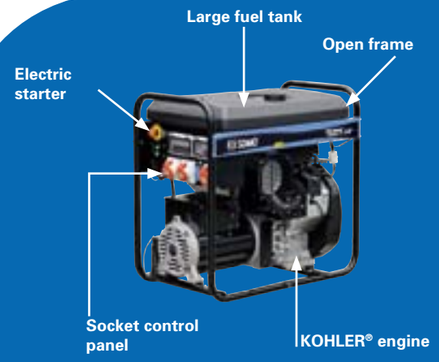
Suggested use:
perfect for powering a compressor.



*Data provided as a guide.

TECHNIC

STRENGTH AND AUTONOMY FOR ALL-TERRAIN EVERYDAY USE



SINGLE PHASE GENERATING SETS

TYPES	TECHNIC 6500 E	TECHNIC 6500 E AVR	TECHNIC 6500 E AVR M	TECHNIC 10000 E	TECHNIC 10000 E AVR
Max LTP (kW)(1)	6.5	6.5	6.5	10.5	10.5
Voltage regulation	Larger	AVR	AVR	Larger	AVR
Fuel tank (L)	18	18	18	33	33
Autonomy (Hours)	6.9	6.9	6.9	7	7
Guaranteed level of sound power (Lwa) in dB(A)	97	97	97	97	97
Acoustic pressure at 7 m in dB(A)	69	69	69	69	69
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	CH 440E	CH 440E	CH 440E	CH 680	CH 680
Electric starter	•	•	•	•	•
MODYS instrumentation & control	-	-	•	-	-
HP at 3600 rpm	11.9	11.9	11.9	22.5	22.5
Weight in kg	95	101	101	167	167
Socket code(2)	P1ZA	P1ZA	P1ZA	P1ZD	P1ZD

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

THREE PHASE GENERATING SETS

TYPES	TECHNIC 7500 TE	TECHNIC 7500 TE AVR	TECHNIC 7500 TE AVR M	TECHNIC 15000 TE	TECHNIC 15000 TE AVR	TECHNIC 20000 TE AVR C
Max LTP (kW)(1)	6.5	6.5	6.5	11.5	11.5	15.2
Max LTP (kVA)(1)	8.1	8.1	8.1	14.4	14.4	19
Voltage regulation	Larger	AVR	AVR	Larger	AVR	AVR
Fuel tank (L)	18	18	18	33	33	35
Autonomy (Hours)	6.9	6.9	6.9	7	7	6.3
Guaranteed level of sound power (Lwa) in dB(A)	97	97	97	97	97	104
Acoustic pressure at 7 m in dB(A)	69	69	69	69	69	74
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	CH 440E	CH 440E	CH 440E	CH 680	CH 680	CH 940
Electric starter	•	•	•	•	•	•
MODYS instrumentation & control	-	-	•	•	•	•
HP at 3600 rpm	11.9	11.9	11.9	22.5	22.5	34
Weight in kg	108.5	108.5	102	196	193	188
Socket code(2)	P1L	P1L	P1L	P1ZE	P1ZE	P1Z

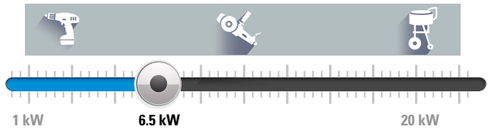
There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

OUR SELECTION

TECHNIC 6500 E AVR M

- 6.5 kW - 230 V
- KOHLER® CH 440E engine
- Sound level: 97 Lwa / 69 dB(A) at 7 m
- Electric starter
- MODYS instrumentation & control as standard

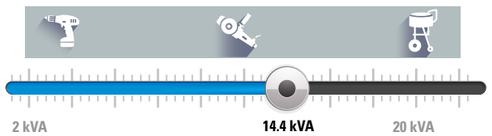
Suggested use*:
perfect for powering an air compressor or as a backup application.



TECHNIC 15000 TE

- 11.5 kW / 14.4 kVA - 400 V
- KOHLER® - CH 680 engine
- Sound level: 97 Lwa / 69 dB(A) at 7 m
- Electric starter
- MODYS instrumentation & control as standard

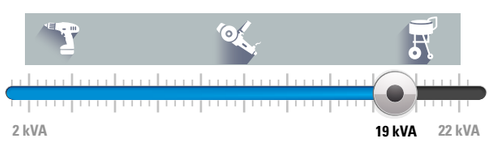
Suggested use*:
perfect for powering a plastering machine.



TECHNIC 20000 TE AVR C

- 15.2 kW / 19 kVA - 400V
- KOHLER® - CH 940 engine
- Sound level: 104 Lwa/74 dB(A) at 7 m
- Electric starter
- MODYS instrumentation & control as standard

Suggested use*: perfect for powering an air compressor.



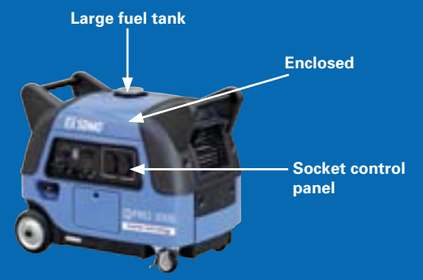
PRODUCT BENEFITS

Genset most powerful generating set in this range, used to power multiple appliances simultaneously.

TECHNIC

PRESTIGE

QUIETLY EFFICIENT



SINGLE PHASE GENERATING SETS

TYPES	INVERTER PRO 2000	INVERTER PRO 3000 E	ALIZÉ 3000	ALIZÉ 6000 E
Max LTP (kW)(1)	2.0	3.0	2.8	5.6
Voltage regulation	Inverter	Inverter	Standard	Standard
Fuel tank (L)	4.2	13	12	24
Autonomy (Hours)	4.7	10	9.2	9.6
Guaranteed level of sound power (Lwa) in dB(A)	89	88	94	93
Acoustic pressure at 7 m in dB(A)	60	59	64	64
Make	Yamaha®	Yamaha®	Honda®	Honda®
Type	MZ 80	MZ 175	GX 200	GX 390 E
Electric starter	-	•	-	•
HP at 3600 rpm	-	-	5.5	11.7
Weight in kg	21	68	46	130
Socket code(2)	P1ZB	P2P	P1L	P1P

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.


INVERTER PRO 3000E

ALIZÉ 3000

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).

There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

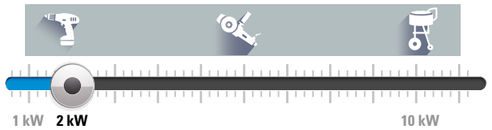
OUR SELECTION

INVERTER PRO 2000

Powered by YAMAHA

- 2 kW - 230 V
- YAMAHA® - MZ80 engine
- Sound level: 89 Lwa/60 dB(A) at 7 m

Suggested use*:
perfect for caravans.



PRODUCT **BENEFITS**

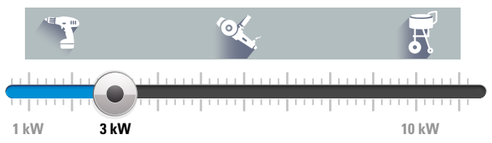
Inverter technology, which guarantees high current quality, stable genset voltage and frequency, reduced pollutant emissions, noise and fuel consumption.

INVERTER PRO 3000 E

Powered by YAMAHA

- 3 kW - 230 V
- YAMAHA® - MZ175 engine
- Sound level: 88 Lwa/59 dB(A) at 7 m
- Electric starter

Suggested use*:
perfect for powering a mobile oven.



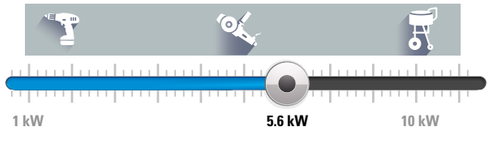
PRODUCT **BENEFITS**

Compact and lightweight for greater user comfort.

ALIZÉ 6000 E

- 5.6 kW - 230 V
- HONDA® - GX 390 E engine
- Sound level: 93 Lwa/64 dB(A) at 7 m
- Electric starter

Suggested use*:
perfect for powering a refrigerated display.



PRODUCT **BENEFITS**

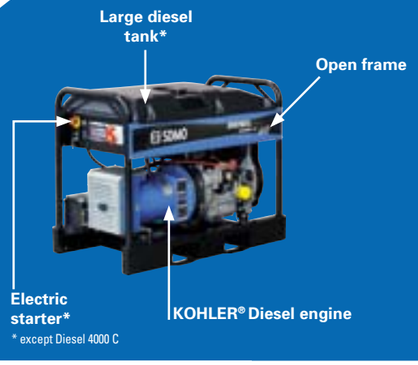
Equipped with the trolley kit as standard (4 wheels mounted on a base frame).

*Data provided as a guide.

PRESTIGE

DIESEL

RESILIENT, WITH HIGH AUTONOMY



* except Diesel 4000 C

SINGLE PHASE GENERATING SETS

TYPES	DIESEL 4000 C	DIESEL 4000 E XL C	DIESEL 6000 E XL C	DIESEL 6000 E XL C M	DIESEL 10000 E XL C
Max LTP (kW)(1)	3.4	3.4	5.2	5.2	9
Voltage regulation	Standard	Standard	Standard	Standard	Larger
Fuel tank (L)	4.3	16	16	16	35
Autonomy (Hours)	4.8	17.8	13.3	13.3	16.7
Guaranteed level of sound power (Lwa) in dB(A)	108	108	108	108	109
Acoustic pressure at 7 m in dB(A)	78	78	79	79	80
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD 350	KD 350 E	KD15-440	KD15-440	KD 425-2
Electric starter	-	•	•	•	•
HP at 3600 rpm	7	7	9.8	9.8	19
Weight in kg	70	84	103	103	162
Socket code(2)	P1L	P1L	P1H	P1H	P1ZD

THREE PHASE GENERATING SETS

TYPES	DIESEL 6500 TE XL C	DIESEL 6500 TE XL C M	DIESEL 15000 TE XL C	DIESEL 20000 TE XL AVR C
Max LTP (kW)(1)	5.2	5.2	10	15.2
Max LTP (kVA)(1)	6.5	6.5	12.5	19
Voltage regulation	Standard	Standard	Larger	AVR
Fuel tank (L)	16	16	35	35
Autonomy (Hours)	13.3	13.3	16.7	9.2
Guaranteed level of sound power (Lwa) in dB(A)	108	108	109	110
Acoustic pressure at 7 m in dB(A)	79	79	80	81
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD15-440	KD15-440	KD 425-2	KD 625-2
Electric starter	•	•	•	•
HP at 3600 rpm	9.8	9.8	19	22.1
Weight in kg	108	108	169	311
Socket code(2)	P1J	P1J	P1ZE	P1ZH

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

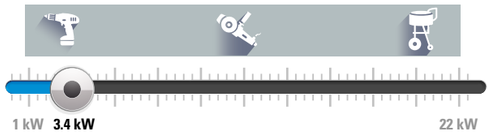
There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

OUR SELECTION

DIESEL 4000 E XL C

- 3.4 kW - 230 V
- KOHLER® DIESEL - KD 350 E engine
- Sound level: 108 Lwa/78 dB(A) at 7 m
- Electric starter

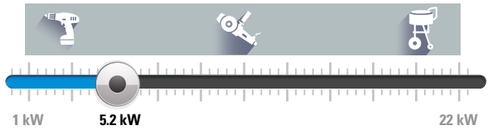
Suggested use*:
perfect for powering a log splitter.



DIESEL 6000 E XL C

- 5.2 kW - 230 V
- KOHLER® DIESEL engine - KD15-440
- Sound level: 108 Lwa / 79 dB(A) at 7 m
- Electric starter

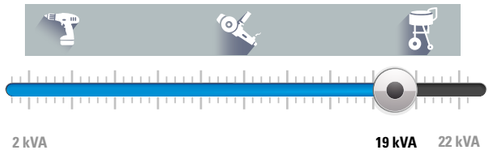
Suggested use*:
perfect for powering a compressor.



DIESEL 20000 TE XL AVR C

- 15.2 kW / 19 kVA - 400 V
- KOHLER® DIESEL KD 625-2 engine
- Sound level: 110 Lwa/81 dB(A) at 7 m
- Electric starter

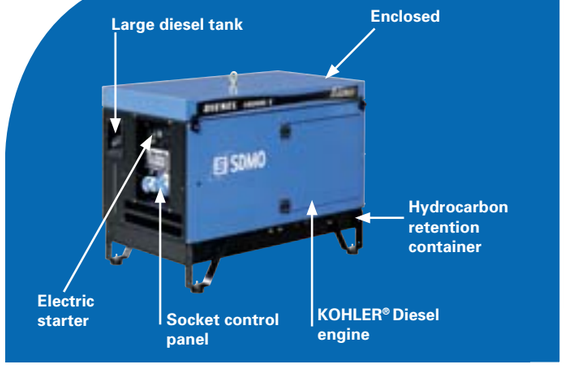
Suggested use*:
perfect for backup applications.



*Data provided as a guide.

DIESEL SILENCE

COMPACT AND QUIET



SINGLE PHASE GENERATING SETS

TYPES	DIESEL 6000 E SILENCE	DIESEL 6000 E SILENCE AVR	DIESEL 10000 E SILENCE	DIESEL 10000 E SILENCE AVR
Max LTP (kW)(1)	5.2	5.2	9	9
Voltage regulation	Standard	AVR	Larger	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)	92	92	97	97
Acoustic pressure at 7 m in dB(A)	63	63	68	68
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD15-440	KD15-440	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)	P1ZD	P1ZD	P1ZD	P1ZD

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	Larger	AVR	Larger	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)	92	92	97	97
Acoustic pressure at 7 m in dB(A)	63	63	67	67
Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
Type	KD15-440	KD15-440	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

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

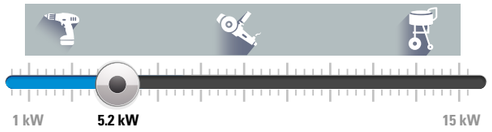
There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

OUR SELECTION

DIESEL 6000 E SILENCE

- 5.2 kW - 230 V
- KOHLER® DIESEL ENGINE - KD15-440
- Sound level: 92 Lwa/63 dB(A) at 7 m
- Electric starter
- Hydrocarbon retention container

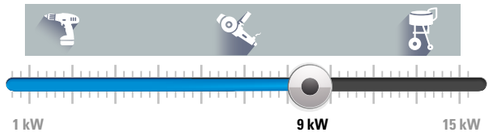
Suggested use*:
perfect for supplying power on an urban work site.



DIESEL 10000 E SILENCE

- 9 kW - 230 V
- KOHLER® DIESEL KD 425-2 engine
- Sound level: 97 Lwa/68 dB(A) at 7 m
- Electric starter
- Hydrocarbon retention container

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



PRODUCT BENEFITS

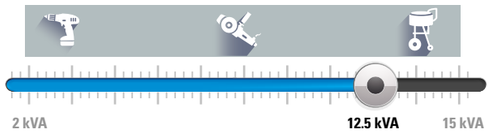
Simplified maintenance thanks to easy access to the various components.

Available (as an option) on a trolley kit or road trailer.

DIESEL 15000 TE SILENCE AVR

- 10 kW / 12.5 kVA - 400V
- KOHLER® DIESEL KD 425-2 engine
- Sound level: 97 Lwa/67 dB(A) at 7 m
- Electric starter
- Hydrocarbon retention container
- Voltage regulation (AVR) as standard

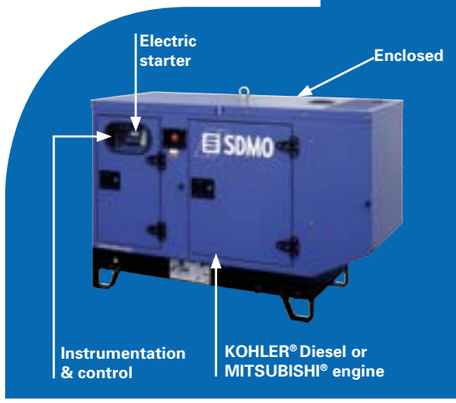
Suggested use*:
perfect for residential backup applications.



*Data provided as a guide.

INDUSTRIAL

SOLUTIONS FOR ALL PERFORMANCE REQUIREMENTS



SINGLE PHASE GENERATING SETS

TYPES	XP-T6KM-ALIZÉ	XP-T9KM-ALIZÉ
Max ESP** (kW) (1)	5.5	8.6
Max ESP** (kVA)(1)	5.5	8.6
Max PRP* (kW)(1)	5	7.8
Max PRP* (kVA)(1)	5	7.8
Guaranteed level of sound power (Lwa) in dB(A)	86	87
Acoustic pressure at 7 m in dB(A)	57	58
Make	Mitsubishi®	Mitsubishi®
Type	L3E-SD	S3L2-SD
Speed (rpm)	1500	1500
Electric starter	•	•
Fuel tank (L)	50	50
Consumption at 75% load (L/h)	2.2	3.2
Weight in kg	390	544
Socket code(2)	P1C	P1C

THREE PHASE GENERATING SETS

TYPES	XP-T8K-ALIZÉ	XP-T12K-ALIZÉ	XP-K16H-ALIZÉ	XP-T16K-ALIZÉ
Max ESP** (kW) (1)	6	9.2	12.8	12.8
Max ESP** (kVA)(1)	7.5	11.5	16	16
Max PRP* (kW)(1)	5.5	8.4	11.6	11.6
Max PRP* (kVA)(1)	6.8	10.5	14.5	14.5
Guaranteed level of sound power (Lwa) in dB(A)	86	87	95	88
Acoustic pressure at 7 m in dB(A)	57	58	66	59
Make	Mitsubishi®	Mitsubishi®	KOHLER®	Mitsubishi®
Type	L3E-SD	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)	2.2	3.2	3.63	4.2
Weight in kg	390	535	480	554
Socket code(2)	P1V	P1V	P1V	P1V

- Not available.
• As standard.
(1) ISO 8528.
(2) Refer to the description of the sockets on page 51.

*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 backup power under variable load in accordance with ISO 8528-1; no overload available for this service.

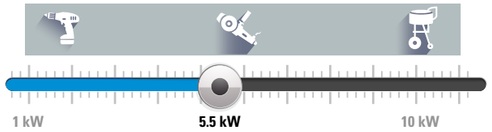
There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

OUR SELECTION

XP-T6KM-ALIZÉ

- 5.5 kW - 230 V
- MITSUBISHI® L3E-SD engine
- Sound level: 86 Lwa/57 dB(A) at 7 m
- APM303 instrumentation & control as standard

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



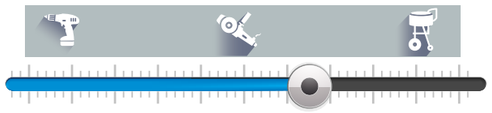
PRODUCT BENEFITS

Equipped with the APM303 instrumentation and control: 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-T8K-ALIZÉ

- 7.5 kVA - 400 V
- MITSUBISHI® L3E-SD engine
- Sound level: 86 Lwa/57 dB(A) at 7 m
- APM303 instrumentation & control as standard

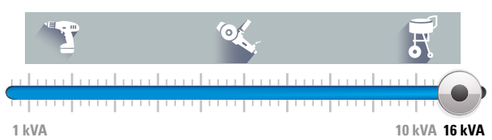
Suggested use*:
perfect for simultaneously powering a large number of appliances.



XP-K16H-ALIZÉ

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

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



*Data provided as a guide.

RESIDENTIAL

NEVER BE WITHOUT ENERGY!

SINGLE PHASE GENERATING SETS

TYPES		RESA 14 EC	RESA 14 U [3]	RESA 20 EC	RESA 20 U [3]
Natural gas	Max ESP** (kW) [1]	10	10	14	14
	Max ESP** (kVA)[1]	10	10	14	14
	Consumption at 75% load (m^3/h)[2]	4.2	4.2	6.9	5.4
LPG[2]	Max ESP** (kW) [1]	11	11	15	16
	Max ESP** (kVA)[1]	11	11	15	16
	Consumption at 75% load (kg/h)[2]	3.55	3.55	4.48	4.48
	Guaranteed level of sound power (Lwa) in dB(A)	92	92	96	96
	Acoustic pressure at 7 m in dB(A)	63	63	68	68
	Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
	Type	CH 740	CH 740	CH 1000	CH 1000
	Electric starter	•	•	•	•
	Weight in kg	178	178	234	234

THREE PHASE GENERATING SETS

TYPES		RESA 14 TEC	RESA 14 T [3]	RESA 20 TEC	RESA 20 T [3]
Natural gas	Max ESP** (kW) [1]	9.6	10	13.6	14
	Max ESP** (kVA)[1]	12	12	17	17
	Consumption at 75% load (m^3/h)[2]	4.2	4.2	5.4	5.4
LPG[2]	Max ESP** (kW) [1]	10.4	11	14.4	15
	Max ESP** (kVA)[1]	13	13	18	18
	Consumption at 75% load (kg/h)[2]	3.55	3.55	4.48	4.48
	Guaranteed level of sound power (Lwa) in dB(A)	92	92	96	96
	Acoustic pressure at 7 m in dB(A)	63	63	68	68
	Make	KOHLER®	KOHLER®	KOHLER®	KOHLER®
	Type	CH 740	CH 740	CH 1000	CH 1000
	Electric starter	•	•	•	•
	Weight in kg	178	178	234	234

• As standard.
(1) ISO 8528.
(2) LPG: 0.535 m^3 = 1kg.
(3) not EC compliant.

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

There is a range of options available for these generating sets. To view them, please turn to pages 44 to 49.

OUR SELECTION

PRODUCT BENEFITS

RESA 14 EC

- Natural gas: 10 kW / 10 kVA - 230V
  LPG: 11 kW / 11 kVA - 230V
- KOHLER® CH 740 engine
- Sound level: 92 Lwa/63 dB(A) at 7 m

Option to use either liquid propane gas or natural gas. Additional battery charger included.

PRODUCT BENEFITS

RESA 20 EC

- Natural gas: 14 kW / 14 kVA - 230V
  LPG: 15 kW / 15 kVA - 230V
- KOHLER® CH 1000 engine
- Sound level: 96 Lwa/68 dB(A) at 7 m

Option to use either liquid propane gas or natural gas. Additional battery charger included.

PRODUCT BENEFITS

RESA 20 TEC

- Natural gas: 13.6 kW / 17 kVA - 400V
  LPG: 14.4 kW / 18 kVA - 400V
- KOHLER® CH 1000 engine
- Sound level: 96 Lwa/68 dB(A) at 7 m

Option to use either liquid propane gas or natural gas. Additional battery charger included.

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 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.

WELDARC

THE WELDING SOLUTION FOR OFF-GRID WORK SITES

PRODUCT BENEFITS

All KOHLER®'s expertise at your service

The KOHLER® engines equipping the welding sets are renowned for their performance and resilience, tried and tested in the agricultural, industrial and marine sectors. They offer an ergonomic electric starter and safety, with an automatic "engine cut-out" when the oil level is low.

TYPES		VX 200/4H	WELDARC 200	WELDARC 220 T	WELDARC 300 TE XL C	WELDARC 180 DE C	WELDARC 300 TDE XL C
	Fuel	Petrol	Petrol	Petrol	Petrol	Diesel	Diesel
Output	Max LTP (kW)	4	4	5.7	7	4	7
	Max LTP (kVA)(1)	4	4	7.2	8.8	4	8.8
Welding	35% duty cycle (normal)	200	200	200	300	180	300
	60% duty cycle (intensive)	170	170	170	250	145	250
Rod	min ø (mm)	1.6	1.6	1.6	1.6	1.6	1.6
	max ø (mm)	4	4	4	5	4	5
	Autonomy in hours	2.4	2.8	2.8	9.2	4.2	20.6
	Guaranteed level of sound power (Lwa) in dB(A)	97	97	97	101	108	109
	Acoustic pressure at 7 m in dB(A)	69	69	69	72	79	80
Engine	Make	Honda	KOHLER®	KOHLER®	KOHLER®	KOHLER®	KOHLER®
	Type	GX390	CH440	CH440	CH680	KD 440 E	KD 425-2
	Weight in kg	87	104.5	105.5	152.5	100	175
	Socket code (2)	P1L	P1L	P1J	P1K	P1L	P1K

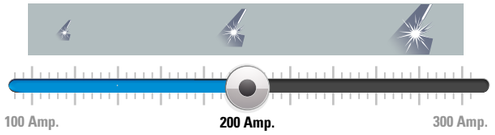
There is a range of options available for these welding sets. To view them, please turn to pages 44 to 49.

- Not available.
• As standard.
(1) Calculated theoretical value for comparison.
(2) Refer to the description of the sockets on page 51.

OUR SELECTION

WELDARC 200

- KOHLER® CH440 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 / 69 dB(A) at 7 m

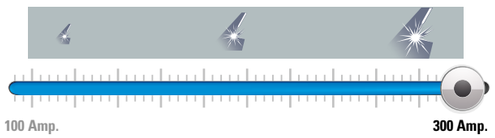


WELDARC 300 TE XL C

- KOHLER® CH680 engine
- Duty cycle:
  Intensive (60%): 250 Amp.
  Normal (35%): 300 Amp.
- Min/max rod Ø: 1.6/5 mm
- Auxiliary output: 8.8 kVA(1) - 400 V (with circuit breaker)
- Sound level: 101 Lwa/72 dB(A) at 7 m

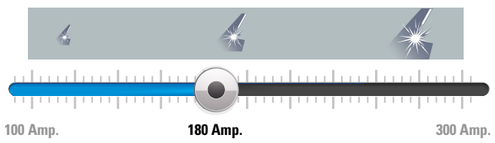
PRODUCT BENEFITS

Three phase 400V auxiliary output.



WELDARC 180 DE C

- KOHLER® KD 440 E engine
- Duty cycle:
  Intensive (60%): 145 Amp.
  Normal (35%): 180 Amp.
- Min/max rod Ø: 1.6/4 mm
- Auxiliary output: 4 kVA(1) - 230 V (with circuit breaker)
- Sound level: 108 Lwa / 79 dB(A) at 7 m
- Welding tray included



WATER PUMPS

Range:

CHOOSING THE RIGHT WATER PUMP: THREE KEY STEPS FOR SELECTION

Designed to provide a solution adapted to 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 two AQUALINE INTENS versions 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 water with low levels of sediment, in particular for pumping muddy trenches, pits, mudflats, etc.

- **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.
  - The XT 3.78 H, TRASH 3 and TRASH 4 models 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**

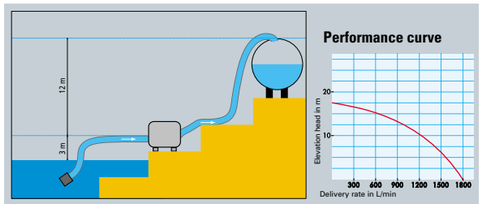
This is the height between the level of the pumped water and the pump centre line. For physical reasons, it cannot exceed 8 metres.

→ **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%).



Elevation head = suction head + discharge head + friction loss

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	XT 3.78 H	TRASH 3	TRASH 4
Impeller	Graphite cast iron							
Volute casing	Cast iron		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 abrasion, 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, AQUALINE INTENS 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, AQUALINE INTENS 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.

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

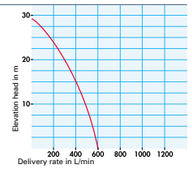
There is a range of options available for these water pumps; To view them, please turn to page 49.

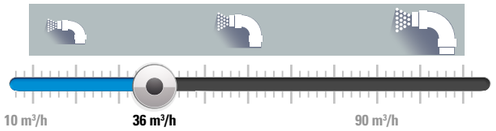
OUR SELECTION

ST 2.36 H

- Delivery rate: 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.

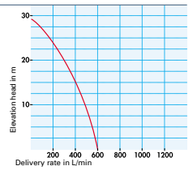


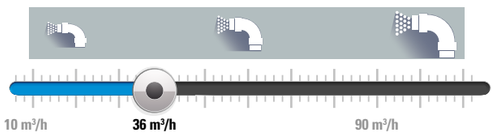


TR 2.36H

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

Suggested use*:
perfect for pumping out a cellar.

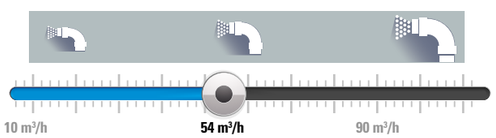


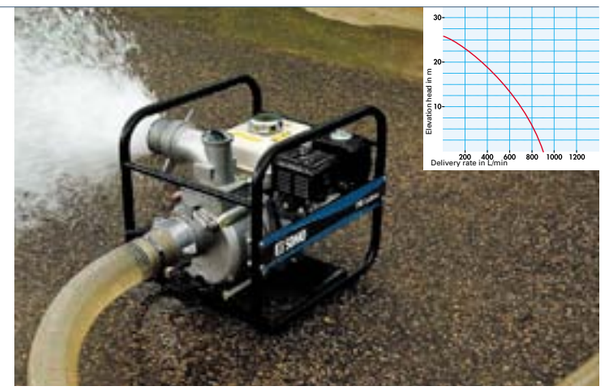


TR 3.60 H

- Delivery rate: 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

*Data provided as a guide.

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 49), the HP 2.26 H high-pressure water pump can be used as an indispensable tool for fighting fires.

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	108
Elevation head (m)	57	27	25	17
Granulometry (mm)	8	27	20	20
Guaranteed level of sound power (Lwa) 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 49.

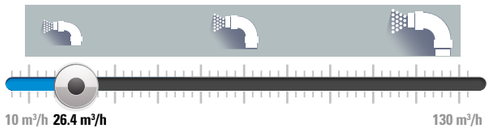
OUR SELECTION

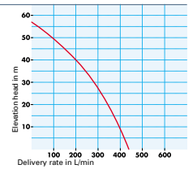
HP 2.26 H

AMORÇAGE AUTOMATIQUE
HÉLICE EN FONTE GRAPHITÉE
JOINT MÉCANIQUE EN CARBURE DE SILICIUM

- Delivery rate: 26.4 m^3/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.





TRASH 3

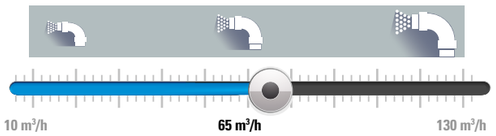
PRODUCT BENEFITS

Easy access to the turbine - no tools required.

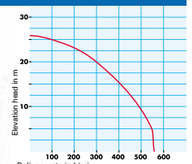
AMORÇAGE AUTOMATIQUE
HÉLICE EN FONTE GRAPHITÉE
JOINT MÉCANIQUE EN CARBURE DE SILICIUM

- Delivery rate: 65 m^3/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.



Water pump shown with its accessories



TRASH 4

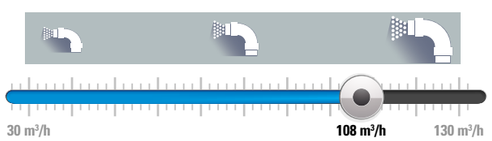
PRODUCT BENEFITS

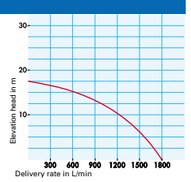
Equipped with a professional KOHLER® Diesel air-cooled engine.

AMORÇAGE AUTOMATIQUE
HÉLICE EN FONTE GRAPHITÉE
JOINT MÉCANIQUE EN CARBURE DE SILICIUM

- Delivery rate: 108 m^3/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.





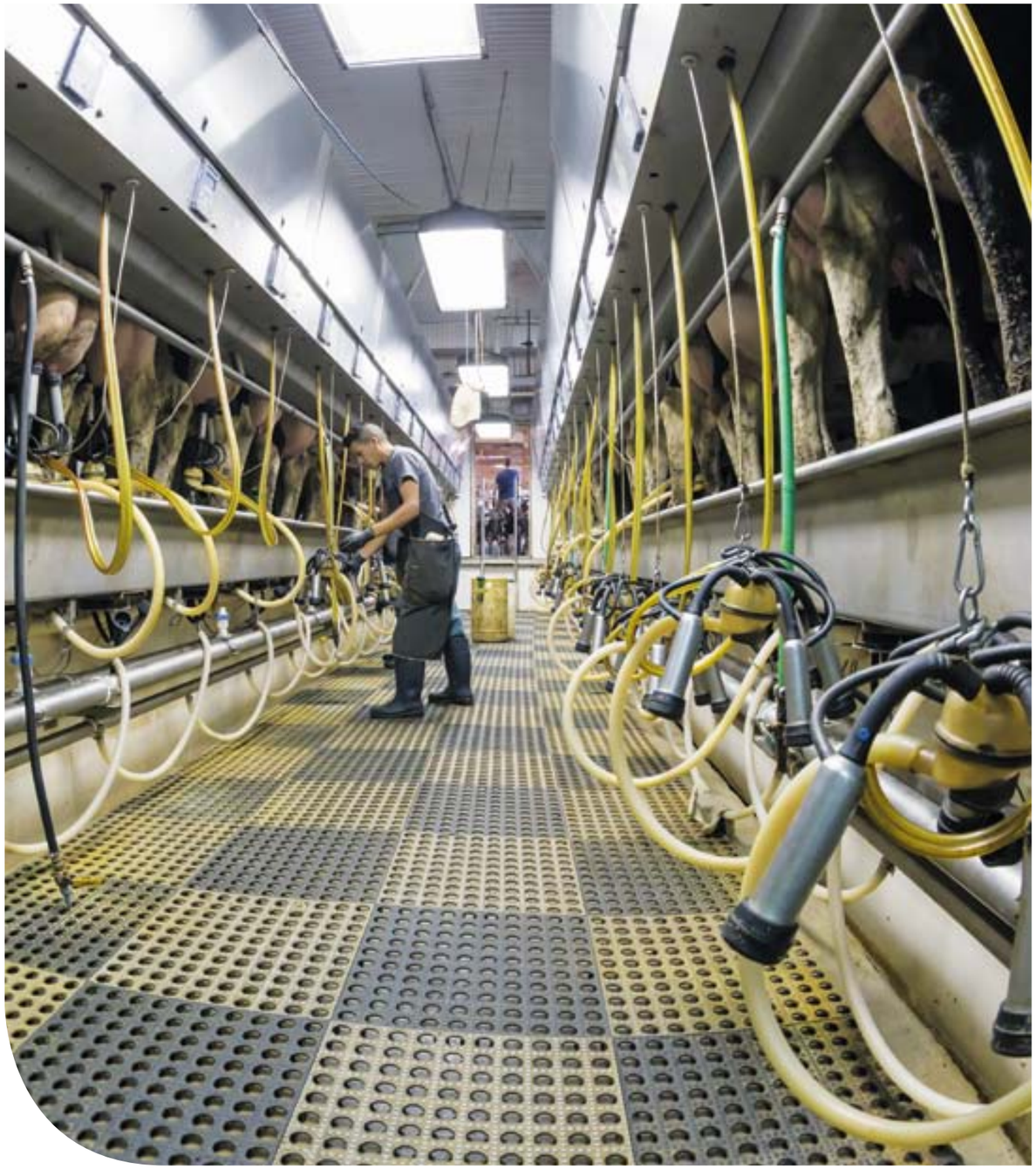
AQUALINE SPECIALIST

*Data provided as a guide.

POWER TAKE-OFF ALTERNATORS

Range:

42 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 easy to use: the alternator features a control unit, with a speed multiplier and protective device for the drive shaft.
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 LABOUR)

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,
  - a 30 milliamp three-phase differential circuit breaker and a bipolar circuit breaker for increased security.

- AGRI GEN instrumentation and control

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.*

POWER TAKE-OFF ALTERNATORS

TYPES		AGRI 30 AVR	AGRI 42 AVR	AGRI 50 AVR	AGRI 63 AVR
Product specifications	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 (lxwxh) in cm	117x92x112	117x92x112	117x92x112	117x92x112
	Weight in kg	235	320	360	398
	Sockets(1)	P1ZI	P1ZI	P1ZJ	P1ZJ
Tractor specifications	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 44 to 49.
(1) Refer to the description of the sockets on page 51.
• 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 backup power under variable load in accordance with ISO 8528-1; no overload available for this service.

OUR SELECTION

PRODUCT BENEFITS +

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

AGRI 30 AVR

2 YEAR WARRANTY 2 ANS GARANTIE

- Nominal continuous output: 30 kVA – 400V
- Emergency output (1 hour every 6 hours): 30.5 kVA – 400V
- AVR as standard

Suggested use*:
perfect for powering a milking parlour.

NEW

10 kVA **30 kVA** 70 kVA

PRODUCT BENEFITS +

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

AGRI 50 AVR

2 YEAR WARRANTY 2 ANS GARANTIE

- Nominal continuous output: 50 kVA – 400V
- Emergency output (1 hour every 6 hours): 52.5 kVA – 400V
- AVR as standard

Suggested use*:
perfect for powering a milking parlour.

NEW

10 kVA **50 kVA** 70 kVA

PRODUCT BENEFITS +

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

AGRI 63 AVR

2 YEAR WARRANTY 2 ANS GARANTIE

- Nominal continuous output: 63 kVA – 400V
- Emergency output (1 hour every 6 hours): 65.5 kVA – 400V
- AVR as standard

Suggested use*:
perfect for powering a milking parlour.

NEW

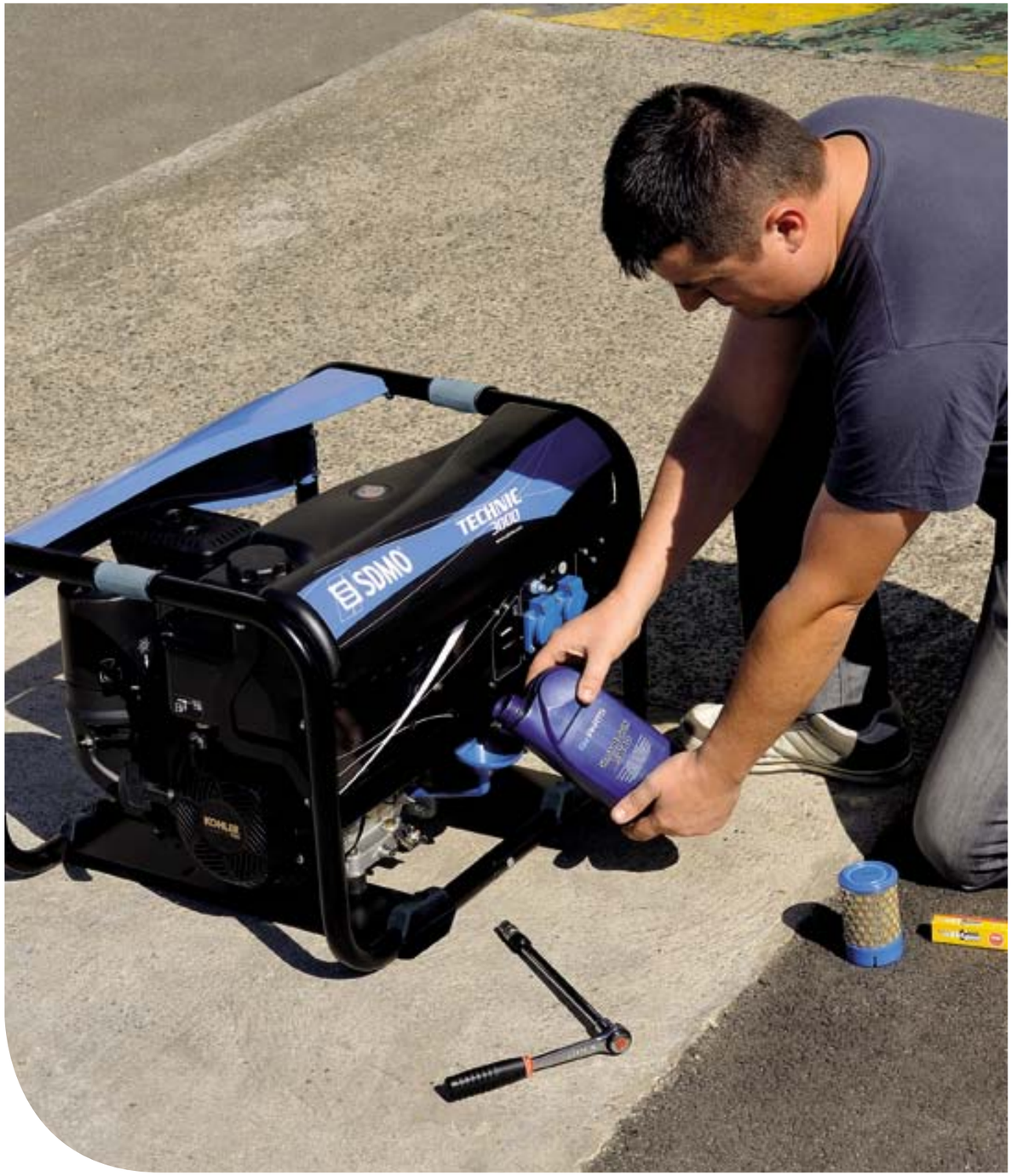
10 kVA **63 kVA** 70 kVA

*Data provided as a guide.

AGRI

ACCESSORIES & OPTIONS

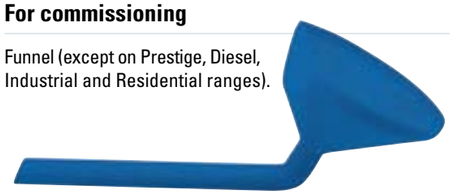
FOR GENERATING SETS AND WELDING SETS



ACCESSORIES SUPPLIED AS STANDARD

For commissioning

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



For maintenance

Illustrated operating and maintenance manual in 20 languages.

For handling

Trolley kit: 4 wheels mounted on a frame on Alizé 6000 E, Alizé 7500 TE and Inverter PRO 3000 E.

For storage

Storage tray for storing tools.

For safety

Differential protection on all generating sets in the Industrial range.

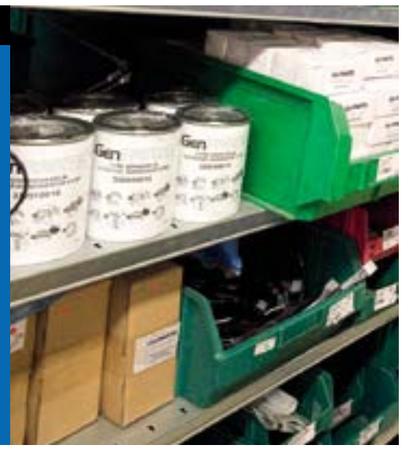
ORIGINAL SDMO® GENPARTS®

With 45,000 parts in stock and 30,000 available to order, based in premises of 1700 m², 1200 m² of which are dedicated exclusively to storage and surface preparation, the 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 SDMO® Spare Parts Service is able to provide a responsive supply throughout the world of original, guaranteed GenParts®, a brand exclusive to SDMO®.

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 source transfer switch

REF. R05M
The manual source transfer switch allows the generating set to be connected to a residence, for manual management of the electricity source in the event of a power cut or power return. In case of mains power outage, simply start up the generating set manually and switch the button on the control unit to the "Auxiliary Source" position (resistive current 63A) and it will power all the electrical installations in the home.
Accessory delivered separately

Remote control unit

REF. CA308
Separate unit with on/off button, generating set fault and operating indicator.
Cable not provided.
Option factory-fitted only

COMMISSIONING THE INSTALLATION

REF. RMS/RESRMS
Including: checking compliance of the installation, monitoring of levels, 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 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.

Automatic control units

REF. VERSO 50M 40A*
Single-phase 40A automatic source transfer switch on mains failure, for single-phase generating sets below 10 kW.

REF. VERSO 50M 100A*
Single-phase 100A automatic source transfer switch on mains failure, for single-phase generating sets of 10 kW and above.

REF. VERSO 50T 25A*
Three-phase 25A automatic source transfer switch on mains failure, for three-phase generating sets of 15 kW or below.

REF. VERSO 50T 40A*
Three-phase 40A automatic source transfer switch on mains failure, for three-phase generating sets above 15 kW.
* Includes battery charger - Requires a MODYS-equipped generating set.
The differential protection option is required for EEC countries.
Accessories 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 engine preheating, battery charger, mains/backup transfer switch
Option factory-fitted only

REF. VERSO M*

REF. VERSO T*

REF. RESINS-M AND RESINS-T (FOR RESIDENTIAL RANGE)
Automatic start-up upon 63A or 100A mains failure.
Accessories delivered separately for generating sets in the Residential range

SITE APPLICATION

HANDLING

Trolley kits

REF. R06
Trolley kit designed for gensets equipped with a Honda 3 kW engine with a handle and puncture-proof tyres (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 tyres (Ø 300 mm).

REF. R07
Trolley kit designed for gensets equipped with a Honda 4 & 6 kW engine with two handles and puncture-proof tyres (Ø 260 mm).

REF. RKB2
Trolley kit designed for gensets equipped with a Kohler® engine above 6 kW with four handles and inflatable tyres (Ø 300 mm).

REF. RKB3
Trolley kit with a handle and two puncture-proof tyres (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 tyres (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 Industrial range.
GVWR: < 750 kg with registration.
Net weight of the trailer: 200 kg.
Overall dimensions (H x L x W): 2915 x 1546 x 1531 mm.
Adjustable 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.
Overall dimensions with genset (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: < 500 kg without registration.
Net weight of the trailer: 143 kg.
Dimensions with generating set: 3000 x 1300 x 1400 mm.
Options factory-fitted only

Central lifting eye

REF. RLIFT/RLIFT1/RLIFT2
Central lifting eye.
Accessory delivered separately

ACCESSORIES AND COMMON OPTIONS

DIFFERENTIAL PROTECTION

REF. R01/R02/R03
This control unit includes the working hours counter and differential switch.
Earth connection diagram with earthed neutral.

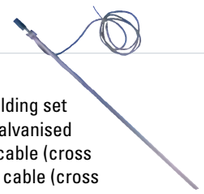
REF. RESDIFF (FOR RESIDENTIAL RANGE)
A device for protecting personnel and detecting leakage currents to earth from the electrical installation. It is fixed, and must be defined depending on the electrical installation, as 30 or 300 mA.

REF. R02B/R03B
Control unit including the three-phase tetrapolar (R03B) and single-phase bipolar (R02B) differential switches.

Options factory-fitted only

SAFETY

Earthing rod



REF. RPQ /RPQ1
For connecting your generating set, welding set or power take-off alternator to earth. Galvanised rod, 1 m in length, supplied with a 2 m cable (cross section 10 mm²) for the RPQ and a 10m cable (cross section 25 mm²) for the RPQ1.

Accessory delivered separately

MAINTENANCE

Oil

REF. RBH0.5/RBH1
Box of 24 x 0.5 L cans of oil or 20 x 1 L cans of oil (SAE 15W40).

Accessory delivered separately

Protective cover

REF. RH0/RH1/RH2
Protective cover for general and winter storage.

Accessory delivered separately

Maintenance kits

REF. R18*
Maintenance kit for HONDA® GX 160 and GX 200 engines (excluding Alizé 3000 and water pumps).

REF. R19*
Maintenance kit for HONDA® GX 390 engines (excluding Alizé 6000E and Alizé 7500 TE).

REF. R33*
Maintenance kit for HONDA® GX 270 engines.

REF. RYS2*
Maintenance kit for Yamaha MZ80 engine.

REF. RYS3
Maintenance kit for Yamaha MZ175 engine, including oil, spark plug, air filter element and air filter.

REF. RKS1*
Maintenance kit for KOHLER® CH 270 engine.

Maintenance kits

REF. RKS2*
Maintenance kit for KOHLER® CH 395 and CH 440 engines.

REF. RKS5**
Maintenance kit for KOHLER® CH 680 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® KD15-440 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 DEDICATED OPTIONS

These accessories and options are only suitable for certain generating or welding sets.

Coupling cable

REF. RCC
Coupling cable used to connect two INVERTER PRO 2000 generating sets to obtain a total power of 3 kW.
For INVERTER PRO 2000 only.

Accessory delivered separately

Differential protection

REF. RKD1
Set of 2 removable differential adaptors for domestic sockets. Earth connection diagram with insulated neutral. Non-removable solutions with working hours counter an option.

Accessory delivered separately

Welding kit

REF. R10
Comprises 2 x 5 m cables, 1 earth clamp, 1 electrode holder, 1 hammer, 1 brush, 1 screen.

Accessory delivered separately

Male plug kit

REF. RPM
Male plugs for all models including:
2 z 16A/230V plugs, 1 x CEE17 plug:
16A/230V, 1 x 32A/230V plugs and 1 x 16A/400V plug.

Accessory delivered separately

Storage tray

REF. RBAC
Removable storage tray.

ACCESSORIES AND OPTIONS FOR WATER PUMPS

These accessories and options are specially designed for water pumps.

Pipe kit

REF. R11/R12
For 2" and 3" water pumps with 5 m reinforced PVC intake pipe + 25 m flat PVC discharge pipe.

REF. R16
For 1" water pumps with 5 m reinforced PVC intake pipe + 10 m flat PVC discharge pipe.

REF. R21
For 4" water pumps with 5 m reinforced PVC intake pipe + 25 m flat PVC discharge pipe.

Accessories delivered separately

Quick-release connections

REF. R13/R14
Quick-release connections for coupling 2" and 3" water pumps.

Accessories delivered separately

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).

Accessories delivered separately

Strainer and clamps

Accessories supplied as standard


ON CLEAR 1.7


ON ST 2.36 H


ON HP 2.26 H


ON ST 3.60 H


ON TR 2.36 H


ON XT 3.78 H


ON TR 3.60 H


ON TRASH 4 AND TRASH 3

ACCESSORIES AND OPTIONS FOR POWER TAKE-OFF ALTERNATORS

Manual source transfer switch

REF. VERSO10TG3
REF. VERSO10T100
The 63A and 100A 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 delivered separately

Male plug

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

Accessory delivered separately

SINGLE-PHASE GENERATING SETS

Range	Name	Qualigen	Fuel	Max LTP (kW)[1]	Alternator type	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]
										standard	Type	Electric starter	HP at 3600 rpm	L	W	H		Differential protection		Automatic starting	Commissioning	MODYS/APM202 instrumentation & control	Trolley kit	Road trailer	Cover	Maintenance kit	Storage tray	Lifting eye	
																		factory-fitted	removable										
INTENS	HX 3000	yes	Pet.	3	standard	3.1	2.4	95	66	Honda	GX200	no	5.5	59	46	43	41	R01	RKD1	-	-	-	R06	-	RHO	R18	-	-	P1L
	HX 3000 C	no	Pet.	3	standard	3.1	2.4	98	69	Honda	GX200	no	5.5	59	46	43	41	R01	RKD1	-	-	-	R06	-	RHO	-	-	-	P1L
	HX 4000	yes	Pet.	4	standard	5.3	2.5	95	67	Honda	GX270	no	8.4	71.5	57	49	56	R01	RKD1	-	-	-	R07 / RKB2	-	RH1	R33	-	-	P1L
	HX 4000 C	no	Pet.	4	standard	5.3	2.5	102	72	Honda	GX270	no	8.4	71.5	57	49	56	R01	RKD1	-	-	-	R07 / RKB2	-	RH1	-	-	-	P1L
	HX 6000	yes	Pet.	6	standard	6.1	2.4	97	68	Honda	GX390	no	11.7	77	57	59	79	R02	-	-	-	-	R07 / RKB2	-	RH1	R19	-	-	P1H
	HX 6000 C	no	Pet.	6	standard	6.1	2.4	100	72	Honda	GX390	no	11.7	71.5	57	59	75	R02	-	-	-	-	R07 / RKB2	-	RH1	-	-	-	P1H
PERFORM	PERFORM 3000	yes	Pet.	3	standard	4.1	3.2	96	67	Kohler®	CH270	no	6	65	51	46	45	R01	RKD1	-	-	-	RKB1HD	-	RHO	RKS1	RBAC	RLIFT1	P1L
	PERFORM 4500	yes	Pet.	4.2	standard	7.3	3.5	96	68	Kohler®	CH395	no	8.5	71	55.5	49	61.5	R01	RKD1	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT	P1L
	PERFORM 6500	yes	Pet.	6.5	larger	7.3	2.8	97	69	Kohler®	CH440	no	11.9	81	55.5	59	85.5	R02	-	-	-	-	RKB1HD	-	RH1	RKS2	RBAC	RLIFT2	P1H
	PERFORM 3000 GAS	yes	LPG	2.4	standard	-	-	96	68	Kohler®	CH270	no	6	65	51	46	46.5	R01	RKD1	-	-	-	RKB1HD	-	RHO	RKS1	RBAC	RLIFT1	P1L
	PERFORM 4500 GAS	yes	LPG	3.9	standard	-	-	97	69	Kohler®	CH395	no	8.5	71	55.5	49	63	R01	RKD1	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT	P1L
	PERFORM 6500 GAS	yes	LPG	5.8	larger	-	-	97	69	Kohler®	CH440	no	11.9	81	55.5	59	87	R02	-	-	-	-	RKB1HD	-	RH1	RKS2	RBAC	RLIFT2	P1H
PERFORM XL	PERFORM 3000 XL	yes	Pet.	3	standard	13	10	95	67	Kohler®	CH270	no	6	65	51	46	46.5	R01	RKD1	-	-	-	RKB1HD	-	RHO	RKS1	-	RLIFT1	P1L
	PERFORM 4500 XL	yes	Pet.	4.2	standard	18	10.6	97	68	Kohler®	CH395	no	8.5	81	55.5	59	66.5	R01	RKD1	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT	P1L
	PERFORM 6500 XL	yes	Pet.	6.5	larger	18	6.9	97	69	Kohler®	CH440	no	11.9	81	55.5	59	87	R02	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1H
TECHNIC	TECHNIC 6500 E	yes	Pet.	6.5	larger	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	95	R02B	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1ZA
	TECHNIC 6500 E AVR	yes	Pet.	6.5	AVR	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	101	R02B	-	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1ZA
	TECHNIC 6500 E AVR M	yes	Pet.	6.5	AVR	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	101	R02B	-	VERSO 50	RMS	•	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1ZA
	TECHNIC 10000 E	no	Pet.	10.5	larger	33	7	97	69	Kohler®	CH680	yes	22.5	89.5	57	77	167	R02B	-	VERSO 50	RMS	•	RKB2	-	RH2	RKS5	-	-	P1ZD
	TECHNIC 10000 E AVR	no	Pet.	10.5	AVR	33	7	97	69	Kohler®	CH680	yes	22.5	89.5	57	77	167	R02B	-	VERSO 50	RMS	•	RKB2	-	RH2	RKS5	-	-	P1ZD
PRESTIGE	ALIZÉ 3000	yes	Pet.	2.8	standard	12	9.2	94	64	Honda	GX200	no	5.5	57	45	46	46	-	RKD1	-	-	-	R06	-	RHO	-	-	-	P1L
	ALIZÉ 6000 E	yes	Pet.	5.6	standard	24	9.6	93	64	Honda	GX390E	yes	11.7	78	59	75.5	130	R02B	-	-	-	-	△	-	-	-	-	-	P1P
	INVERTER PRO 2000	yes	Pet.	2	Inverter	4.2	4.7	89	60	Yamaha	MZ80	no	-	49	28	44.5	21	-	RKD1	-	-	-	-	-	-	RYS2	-	-	P1ZB
	INVERTER PRO 3000 E Prindus	yes	Pet.	3	Inverter	13	10	88	59	Yamaha	MZ175	yes	-	68	44.5	55.5	68	-	-	-	-	-	△	-	-	RYS3	-	-	P2P
DIESEL	DIESEL 4000 C	no	diesel	3.4	standard	4.3	4.8	108	78	Kohler®	KD350	no	7	81	55.5	59	70	R01	RKD1	-	-	-	RKB1HD	-	RH1	RKDS1	RBAC	-	P1L
	DIESEL 4000 E XL C	no	diesel	3.4	standard	16	17.8	108	78	Kohler®	KD350E	yes	7	81	55.5	59	84	R01	RKD1	-	-	-	RKB1HD	-	RH1	RKDS1	RBAC	-	P1L
	DIESEL 6000 E XL C	no	diesel	5.2	standard	16	13.3	108	79	Kohler®	KD15-440	yes	9.8	81	55.5	59	103	R02	-	-	-	-	RKB1HD	-	RH1	RKDS1	RBAC	-	P1H
	DIESEL 6000 E XL C M	no	diesel	5.2	standard	16	13.3	108	79	Kohler®	KD15-440	yes	9.8	81	55.5	59	103	R02	-	VERSO 50	RMS	•	RKB1HD	-	RH1	RKDS1	RBAC	-	P1H
	DIESEL 10000 E XL C	no	diesel	9	larger	35	16.7	109	80	Kohler®	KD425-2	yes	19	89.5	57	77	162	R02B	-	VERSO 50	RMS	•	RKB2	-	RH2	RKDS3	-	-	P1ZD
DIESEL Silence	DIESEL 6000 E SILENCE	yes	diesel	5.2	standard	27	22.5	88	59	Kohler®	KD15-440	yes	9.8	99	61.5	96	198	R02B	-	VERSO 50	RMS	•	RKB3	-	-	RKDS2	-	-	P1ZD
	DIESEL 6000 E SILENCE AVR	yes	diesel	5.2	AVR	27	22.5	88	59	Kohler®	KD15-440	yes	9.8	99	61.5	96	198	R02B	-	VERSO 50	RMS	•	RKB3	-	-	RKDS2	-	-	P1ZD
	DIESEL 10000 E SILENCE	yes	diesel	9	larger	27	12.9	97	68	Kohler®	KD425-2	yes	19	118.3	67.3	96	269	R02B	-	VERSO 50	RMS	•	RKB5	R08E	-	RKDS3	-	-	P1ZD
	DIESEL 1000 E SILENCE AVR	yes	diesel	9	AVR	27	12.9	97	68	Kohler®	KD425-2	yes	19	118.3	67.3	96	269	R02B	-	VERSO 50	RMS	•	RKB5	R08E	-	RKDS3	-	-	P1ZD

THREE PHASE GENERATING SETS

Range	Name	Qualigen	Fuel	Max LTP		Alternator type	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]
				kW 3-ph 400V [5]	kVA [4]	MaxLTP (kW1-ph 230V)[1]					Make	Type	Electric starter	HP at 3600 rpm	L	W	H		Differential protection (factory fitted)	Automatic starting	Commissioning	MODYS/APM202 instrumentation & control	Trolley kit	Road trailer	Cover	Maintenance kit	Storage tray	Lifting eye	
INTENS	HX 7500 T	yes	Pet.	6	7.5	1.3	standard	6.1	2.4	97	69	Honda	GX390	no	11.7	77	57	59	80	R03	-	-	-	R07 / RKB2	-	RH1	R19	-	-	P1J
	HX 7500 T C	no	Pet.	6	7.5	1.3	standard	6.1	2.4	100	72	Honda	GX390	no	11.7	71.5	57	59	76	R03	-	-	-	R07 / RKB2	-	RH1	-	-	-	P1J
	HX 7500 T AVR IP54	yes	Pet.	6	7.5	1.3	AVR	6.1	2.4	97	69	Honda	GX390	no	11.7	77	57	59	101	R03	-	-	-	R07 / RKB2	-	RH1	R19	-	-	P1Q
PERFORM	PERFORM 5500 T	yes	Pet.	4.5	5.6	1.3	larger	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	Pet.	6.5	8.1	2.3	larger	7.3	2.8	97	69	Kohler®	CH440	no	11.9	81	55.5	59	93.5	R03	-	-	-	RKB1HD	-	RH1	RKS2	RBAC	RLIFT2	P1J
PERFORM XL	PERFORM 5500 T XL	yes	Pet.	4.5	5.6	1.3	larger	18	10.6	97	68	Kohler®	CH395	no	8.5	81	55.5	59	76.5	R03	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1J
	PERFORM 7500 T XL	yes	Pet.	6.5	8.1	2.3	larger	18	6.9	97	69	Kohler®	CH440	no	11.9	81	55.5	59	94.5	R03	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1J
TECHNIC	TECHNIC 7500 TE	yes	Pet.	6.5	8.1	2.3	larger	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	108.5	R03B	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1I
	TECHNIC 7500 TE AVR	yes	Pet.	6.5	8.1	2.3	AVR	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	108.5	R03B	-	-	-	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1I
	TECHNIC 7500 TE AVR M	yes	Pet.	6.5	8.1	2.3	AVR	18	6.9	97	69	Kohler®	CH440E	yes	11.9	81	55.5	59	102	R03B	VERSO 50	RMS	•	RKB1HD	-	RH1	RKS2	-	RLIFT2	P1I
	TECHNIC 15000 TE	yes	Pet.	11.5	14.4	3.7	larger	33	7	97	69	Kohler®	CH680	yes	22.5	89.5	57	77	196	R03B	VERSO 50	RMS	•	RKB2	-	RH2	RKS5	-	-	P1ZE
	TECHNIC 15000 TE AVR	yes	Pet.	11.5	14.4	3.7	AVR	33	7	97	69	Kohler®	CH680	yes	22.5	89.5	57	77	193	R03B	VERSO 50	RMS	•	RKB2	-	RH2	RKS5	-	-	P1ZE
	TECHNIC 20000 TE AVR C	no	Pet.	15.2	19	3.7	AVR	35	6.3	104	74	Kohler®	CH940	yes	34	94.5	57	90	188	R03B	VERSO 50	RMS	•	RKB2	-	-	-	-	-	P1Z
DIESEL	DIESEL 6500 TE XL C	no	diesel	5.2	6.5	2.3	standard	16	13.3	108	79	Kohler®	KD15-440	yes	9.8	81	55.5	59	108	R03	-	-	-	RKB1HD	-	RH1	RKDS1	RBAC	-	P1J
	DIESEL 6500 TE XL C M	no	diesel	5.2	6.5	2.3	standard	16	13.3	108	79	Kohler®	KD15-440	yes	9.8	81	55.5	59	108	R03	VERSO 50	RMS	•	RKB1HD	-	RH1	RKDS1	RBAC	-	P1J
	DIESEL 15000 TE XL C	no	diesel	10	12.5	3.7	larger	35	16.7	109	80	Kohler®	KD425-2	yes	19	89.5	57	77	169	R03B	VERSO 50	RMS	•	RKB2	-	RH2	RKDS3	-	-	P1ZE
	DIESEL 20000 TE XL AVR C	no	diesel	15.2	19	3.7	AVR	35	9.2	110	81	Kohler®	KD625-2	yes	22.1	118.4	66	93	311	R03B	VERSO 50	RMS	•	-	-	-	-	-	-	P1ZH
DIESEL Silence	DIESEL 6500 TE SILENCE	yes	diesel	5.2	6.5	2.3	larger	27	22.5	88	59	Kohler®	KD15-440	yes	9.8	99	61.5	96	215.5	R03B	VERSO 50	RMS	•	RKB3	-	-	RKDS2	-	-	P1ZE
	DIESEL 6500 TE SILENCE AVR	yes	diesel	5.2	6.5	2.3	AVR	27	22.5	88	59	Kohler®	KD15-440	yes	9.8	99	61.5	96	215.5	R03B	VERSO 50	RMS	•	RKB3	-	-	RKDS2	-	-	P1ZE
	DIESEL 15000 TE SILENCE	yes	diesel	10	12.5	3.7	larger	27	12.9	97	67	Kohler®	KD425-2	yes	19	118.3	67.3	96	275	R03B	VERSO 50	RMS	•	RKB5	R08E	-	RKDS3	-	-	P1ZE
	DIESEL 15000 TE SILENCE AVR	yes	diesel	10	12.5	3.7	AVR	27	12.9	97	67	Kohler®	KD425-2	yes	19	118.3	67.3	96	275	R03B	VERSO 50	RMS	•	RKB5	R08E	-	RKDS3	-	-	P1ZE

GENERATING SETS INDUSTRIAL RANGE

Range	Name	Max ESP (kW) [1]	Max ESP (kVA)[1]	Max PRP (kW)[1]	Max PRP (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]
								Make	Type	Speed (rpm)	Electric starter	Fuel tank (L)	Consumption at 75% load (kg/h)[1]	L	W	H		Differential protection	Remote control	Automatic start-up control unit	Commissioning	APM303 Instrumentation and control	Road trailer	Voltage regulation	
SINGLE PHASE	XP-T6KM-ALIZÉ	5.5	5.5	5	5	86	57	Mitsubishi	L3E-SD	1500	yes	50	2.2	150	76	103	390	•	CA308	VERSO-M	RMS	•	R08B	•	P1C
	XP-T9KM-ALIZÉ	8.6	8.6	7.8	7.8	87	58	Mitsubishi	S3L2-SD	1500	yes	50	3.2	175	77.5	123	544	•	CA308	VERSO-M	RMS	•	R08D	•	P1C
THREE PHASE	XP-T8K-ALIZE	6	7.5	5.5	6.8	86	57	Mitsubishi	L3E-SD	3000	yes	50	2.2	150	76	103	390	•	CA308	VERSO-T	RMS	•	R08D	•	P1V
	XP-T12K-ALIZÉ	9.2	11.5	8.4	10.5	87	58	Mitsubishi	S3L2-SD	1500	yes	50	3.2	175	77.5	123	535	•	CA308	VERSO-T	RMS	•	R08D	•	P1V
	XP-K16H-ALIZÉ	12.8	16	11.6	14.5	95	66	Kohler®	KDW1003-H	3000	yes	50	3.63	175	77.5	123	480	•	CA308	VERSO-T	RMS	•	R08D	•	P1V
	XP-T16K-ALIZÉ	12.8	16	11.6	14.5	88	59	Mitsubishi	S4L2-SD	1500	yes	50	4.2	175	77.5	123	554	•	CA308	VERSO-T	RMS	•	R08D	•	P1V

** Also available on R08E road trailer.

- Not available. • As standard. △ 4 wheels mounted on a frame. (1) ISO 8528. (2) Refer to the description of the sockets on page 51. (3) Refer to the description of the options on pages 44 to 49. (4) Theoretical value calculated 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]	Max ESP (kVA)[1]	Consumption at 75% m³/h [1]	Fuel	Max ESP (kW)[1]	Max ESP (kVA)[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			Weight in kg	Options [3]			
												Make	Type	Electric starter	L	W	H		Automatic start-up control unit	Instrumentation & control	Carburetor preheating kit	Maintenance kit
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 14 U	Natural gas	10	10	4.2	LPG	11	11	3.6	92	63	Kohler®	CH740	yes	121.6	66.5	73.3	178	RESINS	•	RPH2	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
	RESA 20 U	Natural gas	14	14	5.4	LPG	15	15	4.5	96	68	Kohler®	CH1000	yes	121.6	66.5	73.3	234	RESINS	•	RPH3	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 14 T	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	•	RPH2	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
	RESA 20 T	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	•	RPH3	RESPF

WELDING SETS

Range	Name	Max LTP (kW)[1]	Max LTP (kVA)[4]	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			Weight in kg	Options [3]						Socket code [2]
				35% duty cycle (normal)	60% duty cycle (intensive)	Priming voltage (V)	Min rod diameter	Max rod diameter						L	W	H		Differential protection		Trolley kit	Welding kit	Maintenance kit	Cover	Storage tray	
												Make	Type					factory-fitted	removable						
WELDARC PETROL	VX 200/4H	4	4	200	170	75	1.6	4	6.1	2.4	97	69	Honda	GX390	88	57	55.5	87	R01	RKD1	R07 / RKB2	R10	R19	RH2	•	P1L
	WELDARC 200	4	4	200	170	75	1.6	4	7.3	2.8	97	69	Kohler®	CH440	81	55.5	59	104.5	R01	RKD1	RKB1HD	R10	RKS2	RH1	•	P1L
	WELDARC 220 T	5.7	7.2	200	170	73	1.6	4	7.3	2.8	97	69	Kohler®	CH440	81	55.5	59	105.5	-	-	RKB1HD	R10	RKS2	RH1	•	P1J
	WELDARC 300 TE XL C	7	8.8	300	250	75	1.6	5	35	9.2	101	72	Kohler®	CH680	89.5	57	77	152.5	•	-	RKB2	-	RKS5	RH2	-	P1K
WELDARC DIESEL	WELDARC 180 DE C	4	4	180	145	75	1.6	4	5	4.2	108	79	Kohler®	KD440E	81	55.5	59	100	R01	RKD1	RKB1HD	R10	RKDS1	RH1	•	P1L
	WELDARC 300 TDE XL C	7	8.8	300	250	75	1.6	5	35	20.6	109	80	Kohler®	KD425-2	89.5	57	77	175	•	-	RKB2	-	RKDS3	RH2	-	P1K

WATER PUMPS

Range	Name	Water pump								Tank in L	Autonomy in H [1]	Guaranteed level of sound power (Lwa)	Acoustic pressure at 7 m in dB(A)	Engine		Dimensions in cm			Weight in kg	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					Make	Type	L	W	H		Pipe kit	Quick-release connections	Cover	Trolley kit
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	R07 / RKB2
	TRASH 4	100	100	1800	108	17	8	20	yes	4.3	4.3	108	78	Kohler®	KD350	71.5	57	59	90	R21	•	RH1	R07 / 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
P1C	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 230V 32A socket with circuit breaker + differential protection + APM303[5].
P1F	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker + differential protection + APM303[5].
P1G	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker + emergency stop button + working hours counter + sight glass + MICS MODYS[6]
P1H	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 32A socket with circuit breaker.
P1I	1 x 230V 10/16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker + working hours counter.
P1J	1 x 230V 10/16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker.
P1K	1 x 230V 16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker + working hours counter + differential protection.
P1L	2 x 230V 10/16A sockets with circuit breaker.
P1M	2 x 230V 10/16A sockets with circuit breaker + working hours counter.
P1P	2 x 230V 10/16A sockets with circuit breaker + 1 x 230V 32A socket with circuit breaker + working hours counter + sight glass.
P1Q	2 x 230V 10/16A sockets with circuit breaker + 1 x 400V 16A socket with circuit breaker + working hours counter + sight glass.
P1V	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 400V 32A socket with circuit breaker + differential protection + APM303[5].
P1Z	1 x 230V 10/16A socket with circuit breaker + 2 x 400V 16A sockets with circuit breaker + 1 x 400V 32A socket with circuit breaker + working hours counter + sight glass + MICS MODYS[6].
P1ZA	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 32A socket with circuit breaker + working hours counter.
P1ZB	1 x 230V 10/16A socket with circuit breaker + 1 x 12V 8A socket with circuit breaker + sight glass.
P1ZC	2 x 230V 10/16A sockets with circuit breaker + 1 x 12V 12A socket with circuit breaker + sight glass.
P1ZD	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 230V 32A socket with circuit breaker + working hours counter + sight glass + MICS MODYS[6].
P1ZE	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker + working hours counter + sight glass + MICS MODYS[6].
P1ZF	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 32A socket with circuit breaker + sight glass + MICS MODYS
P1ZG	1 x 230V 10/16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker + sight glass + MICS MODYS
P1ZH	1 x 230V 10/16A socket with circuit breaker + 1 x 400V 32A socket with circuit breaker + emergency stop button + working hours counter + sight glass + MICS MODYS
P2P	2 x 230V 16A sockets with circuit breaker + 1 x 12V 12A socket with circuit breaker + sight glass.
P1ZI	1 x 400V 63A socket with circuit breaker + 1 x 400V 63A socket with circuit breaker + 1 x 230V 10/16A socket with circuit breaker + differential protection + AGRI GEN
P1ZJ	1 x 400V 125A socket with circuit breaker + 1 x 400V 125A socket with circuit breaker + 1 x 230V 10/16A socket with circuit breaker + differential protection + AGRI GEN

- 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 44 to 49.
(4) Calculated theoretical value for comparison.
(5) APM303: MICS NEXYS: Display of the following parameters: frequency, battery voltage, time delay, working hours counter and generating set speed.
(6) MICS MODYS : 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.

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