

P R O F E S S I O N A L R A N G E

Generating sets

Welding sets

Water pumps



Portable Power 50Hz

PPW-PR-DU-US-11

ENGLISH UK & IRELAND VERSION

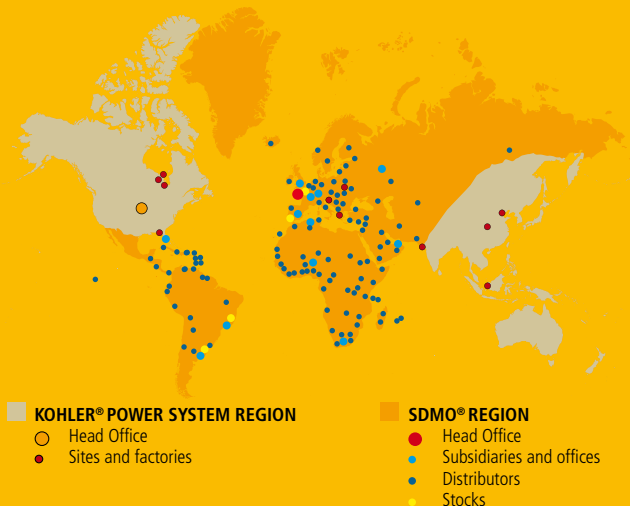


Energy Solutions Provider



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Leading French manufacturer of generating sets and the 3rd largest worldwide

All over the world, from offshore drilling platforms to extreme desert conditions, from worksites to the most demanding industries, the reliability and performance of its generator has made SDMO® one of the world's top manufacturers.

Committed to a dynamic of continuous improvement, the SDMO® team spends every day devising and producing generator that are even more efficient, operate for longer, and are cleaner and easier to maintain and operate.

Our knowledge every day uses coupled with innovation and high technology enables SDMO® to offer an unrivalled selection of generating sets ranging from 1 to 5.000 kW with SDMO® you get 40 years of experience and the service guarantee of a specialist who will always have parts available.

Therefore, whatever your business or whatever your requirements you can be sure that when you choose an SDMO® power source, you are benefiting from the commitment to quality and safety of a large French manufacturer in conformity with the strictest standards: a guarantee for man and machine.

SDMO Industries exports its products to more than 150 countries via a network of distributors, 4 agencies, 7 storage centres, 7 sales offices, 3 regional divisions and 8 subsidiaries.

- SDMO Energy Ltd in Great Britain,
- SDMO Industries Ibérica in Spain,
- SDMO ns/sa in Belgium,
- SDMO Argentina SA in Argentina,
- SDMO Do Brasil in Brazil,
- SDMO Lagos in Nigeria,
- SDMO Generating Sets in the USA,
- SDMO GmbH in Germany.



Continuous innovation to meet your requirements

SDMO® has nearly 100 engineers and technicians in its Engineering Department who can give advice on selecting equipment. They can provide realistic solutions, incorporating the very latest cutting edge technology.

A global approach

SDMO®'s Engineering Department is committed to helping you, from planning to delivery:

- understanding your needs
- analysing your constraints and requirements with precision
- providing appropriate solutions
- incorporating cutting edge technology
- designing complete systems
- supplying your system
- monitoring and maintaining your system

High technology tools

The technicians at SDMO® have specialist knowledge of the latest design and analysis tools and use advanced 3D modelling software ensure high degrees of accuracy.

These innovative techniques enable them to comply fully with international standards: reduction of emissions, noise, etc.

SDMO®'s test engineers carry out particularly precise noise analyses using sound level measurement with advanced vibration mode analyses.

Ranges designed for all applications

Portable Power

Handy and efficient sums up the spirit of a range that fulfils the extremely varied needs of the professional market without sacrificing safety.



Residential Power

Compact, quiet and safety is the main focus of our home-focused range. Designed to automatically take over in the event of a power cut and ensure the uninterrupted operation of all household appliances, this range is all about comfort.



Power Products

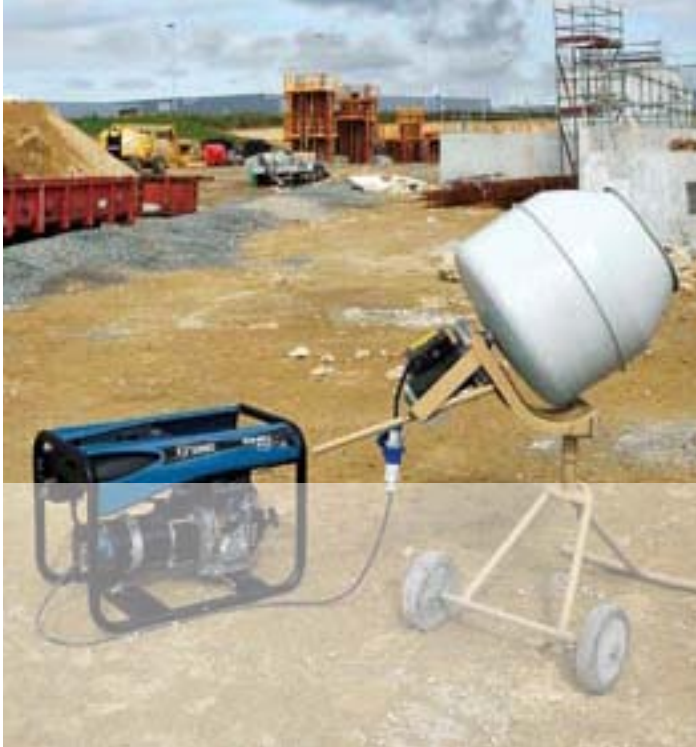
Performance and power come together for this standard range geared towards the most specialised professional applications. Combined with highly responsive services, such as the X-PRESS delivery solution, this range enables a generator to be dispatched to anywhere in the world within a very short timeframe.



Rental Power

Versatility, sturdiness and silence, all essential criteria for a range suited to the rental market and whose level of performance responds to usage conditions that are both specific and intensive.





Generator designed to meet professionals' exacting requirements

To design powerful, high performance generator down to the smallest detail, SDMO® uses its experience of the requirements and conditions in the field. SDMO® provides technological solutions that are easy to use, compact and reliable with maximum safety as well as reducing noise and fuel consumption, providing professionals with the most ergonomic equipment in the market.

Technological solutions to meet all requirements

Ingress protection IP54

Some gensets have IP54 rating to protect them from dust and water ingress. This is a requirement of BGI 867 for professional use in Germany.

Automatic Voltage Regulation (AVR)

By regulating the voltage electronically by +/- 2%, depending on the model, AVR eliminates all risk of damaging high technology equipment such as the boiler controllers, welding sets and electronically controlled tools.

* Automatic Voltage Regulation.

Design and ergonomics

Generator in the Portable Power range are compact with clean lines and in conjunction with SDMO® technology are even easier to use. Ergonomic handles on the innovative frame of SDMO® gensets make it easier to transport the generator and the specially designed feet provide stability in all conditions. By attenuating the vibration of Portable Power equipment, the SDMO® feet also extend the equipment lifetime.



Grips on the handles to make handling easier



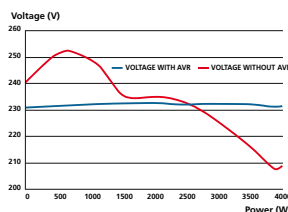
Feet for better stability on all types of ground



Clean, functional design



Voltage regulator





KOHLER® ENGINES

A supplier of excellence

As part of its continuous growth policy, SDMO® has become part of the KOHLER® Co. Group, an American multinational company. KOHLER® has specialised in engines since 1920 and has set the standard for engine manufacturers throughout the world. It now supplies the leading equipment builders. SDMO® generating sets, now more competitive than ever, combine their established quality with KOHLER® expertise to provide a new level of performance and unequalled lifetime.



KOHLER® engine CH640

* Available on the TECHNIC 10000 E, TECHNIC 15000 TE and WELDARC 300 TE.

The strengths of KOHLER® engines

▶ Performance and robustness

- High quality materials to withstand frequent, intensive use.
- 3 year manufacturer's guarantee, parts and labour.

▶ Maintenance and safety

- Automatic tappet adjustment for longer maintenance intervals.
- High level of safety: the engine cuts out if the oil level is too low.
- Engine protected using Quad Clean cyclonic air filtration system

▶ Economic and easy to use

- Low consumption for petrol engines*: if the generating set is not used for 2 minutes, the engine switches over automatically to idle to reduce fuel consumption by 50%.
- Easy to use electric starter on generating sets qualified by the letter E.
- Oversized silencer, sound insulating alloy crank case and carefully designed air intake for low noise emission.
- Two position winter/summer air intake for easy startup in extreme climatic conditions.
- Advanced fuel injection system to reduce fuel consumption.



KOHLER® engine CH440

Portable Power®: SDMO® stakes its reputation

Safety and quality

In order to enable consumers to make an informed choice, generating set (< 10 kW) and welding set manufacturers have signed up to the Qualigen charter on compliance with applicable regulations and European standards, particularly in the following areas:



- User safety
- Product information
- Noise level
- After Sales Service
- Rating

3 year guarantee

For complete confidence, generating sets, welding sets and pumps with KOHLER® engines are covered by the 3 year SDMO® guarantee.



Noise

This symbol next to the photograph of our generating sets indicates that they conform to the 2000/14/EC Noise Emission Directive. In the tables, only generating sets whose name ends with a C do not conform.



Health and environment

All the products, accessories and options in the SDMO® Portable Power range scrupulously comply with the European Reach regulations requiring manufacturers and importers to ensure that they only manufacture, sell, import and use substances that are not harmful to human health or the environment. These provisions are based on the principle of precaution.

reach

Responsive and efficient

With its fast acting services division incorporating both the after-sales and spare parts departments, you have the assurance of being able to receive parts whenever and wherever in the world you need them. Using its high performance logistics system and its parts identification tool, SDMO® can locate and dispatch the part you need in the shortest time possible. A permanent stock of 45.000 references guarantees parts availability for all appliances for a period of 10 years.



Maintenance and technical support

SDMO® Services Department has a remote monitoring and immediate diagnostics system so that it can provide high level, responsive technical support to help you to install and maintain your generating sets and pumps. SDMO® also provides clear, attractively presented information (brochures, CDROM, point of sale information, etc) and tailored training programmes using simulators that can reproduce the most varied of configurations. Its user-friendly, comprehensive website www.sdmo.com has a Need Help? page which gives answers to the most Frequently Asked Questions.


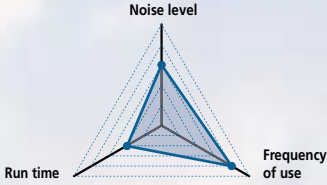

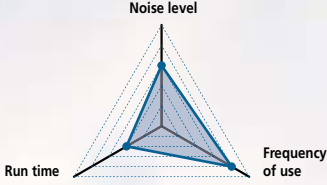



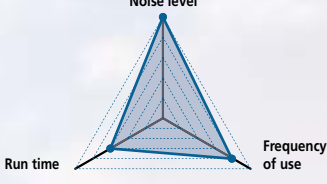

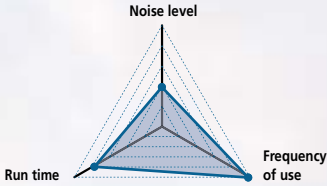

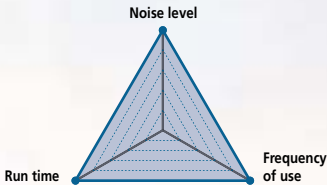


GENERATING SETS



Choosing the right generating set: 2 simple, essential steps

1 What will it be used for and how often?

Requirement	Range	
<ul style="list-style-type: none"> easy to handle equipment that is efficient, cost effective and suitable for frequent use 	PERFORM (p. 10) 	
<ul style="list-style-type: none"> equipment that is robust, long-lasting and simple to use for repetitive operations in difficult conditions 	INTENS (p. 12) 	
<ul style="list-style-type: none"> equipment with long run time that can withstand extreme conditions, for daily professional use 	TECHNIC (p. 10) 	
<ul style="list-style-type: none"> top of the range equipment that is efficient and with low noise emissions, for a wide range of standard requirements 	PRESTIGE (p. 12) 	
<ul style="list-style-type: none"> both long run times and very long life for professional applications 	DIESEL (p. 14) 	
<ul style="list-style-type: none"> leading edge technology, designed for regular, intensive use, that is powerful and quiet 	INDUSTRIAL (p. 14) 	

Key: Example: **TECHNIC 9000 TE AVR IP54 C**

TECHNIC	Name of the range
T	Three phase generating set
E	Electric starter
AVR	Generating set with Automatic Voltage Regulation
IP54	Ingress protection of the generating set
C	Conforms to EC mark requirements but not to the 2000/14/EC noise emission directive
S	Does not conform to European directives
XL	Equipment with large tank for long run time

2 What rating is required?

A - According to the appliances you use

To help you choose your generator the illustrated guide below, provided for information purposes only, lists the appliances most often used with generating sets.

B - Minimum power rating:

Certain appliances have a higher start-up rating than the normal operating rating. You should therefore take this into account when making your choice.

Multiply the equipment rating by the coefficient, given as a guideline, in the following table to determine the startup power needed for a single phase generating set. For three phase generating sets, contact your usual supplier for advice.

To find out the minimum capacity of your appliances, refer to the manufacturer's technical documentation or ask your SDMO® reseller for advice.

The coefficients for different types of appliance are given in the table opposite.

You have defined your type of use and the output needed: you can now select your generating set in full knowledge of the facts.



Example

To run a 2400 W drill.

You need a 2900 W generating set.

To calculate the minimum power requirement (MPR):

Rating of appliance (2400 W) x MPR coefficient (1.2)

2400 W x 1.2 = 2880 W

(See table of coefficients opposite).



Appliance	Continuous rating*	MPR coefficient	MPR
Vibrating needle	2300 W	2	4600 W
Industrial vacuum cleaner	1800 W	1.2	2160 W
Cement mixer	850 W	3.5	2975 W
Compressor	3000 W	2	6000 W
Crêpe maker	4000 W	3.5	4800 W
Plastering machine	4300 W	3.5	15050 W
Mixer	3500 W	2	7000 W
Disk sanding	2200 W	1.2	2640 W
Mini display cooler	1500 W	3.5	5250 W
Hoist	2800 W	2	5600 W
Fluorescent lamp	500 W	3.5	1750 W
High-pressure washer	2500 W	2	8750 W
Drill	800 W	1.2	960 W
Drill	1300 W	1.2	1560 W
Hotplate	6000 W	1	6000 W
Belt sander	1000 W	1.2	1200 W
Router	800 W	1.2	960 W
Jointer	2000 W	1.2	2400 W
Circular saw	1100 W	1.2	1320 W

* For information only.



PERFORM

Performance and durability

TECHNIC

Robust continuous operation no matter where you are



PERFORM 3000 TB UK



PERFORM 4500 TB UK



TECHNIC 3000 UK



TECHNIC 4500 AVR UK



SH 6000 UK



SH 6000 E UK

SINGLE-PHASE PERFORM GENERATING SETS

Type		PERFORM 3000 TB UK	PERFORM 4500 TB UK
Max power 230 V	kW ISO 8528	3.0	4.2
	kVA ⁽¹⁾	3.75	5.25
Engine	Brand	Kohler®	Kohler®
	Type	CH 270	CH 395
	Oil level shutdown	•	•
	Electric start	X	X
	HP 3.600 rpm	6	8.5
	Run time in hr	3.2	3.5
	Tank in L	4.1	7.3
	EEC Noise level Lwa	97	97
Socket codes ⁽²⁾	dB(A) @ 7 m	68	68
	Weight in Kg	43	66.5
		P2B	P2E

SINGLE-PHASE TECHNIC GENERATING SETS

Type		TECHNIC 3000 UK*	TECHNIC 4500 AVR UK	SH 6000 UK	SH 6000 E UK
Max power 230 V	kW ISO 8528	3.0	4.2	6.0	6.0
	kVA ⁽¹⁾	3.75	4.95	6.6	6.6
Engine	Brand	Kohler®	Kohler®	Honda®	Honda®
	Type	CH 270	CH 395	GX 390	GX 390
	Oil level shutdown	•	•	•	•
	Electric start	X	X	X	•
	HP 3.600 rpm	6	8.5	11	11
	Run time in hr	10	11.8	8	8
	Tank in L	13	20	20	20
	EEC Noise level Lwa	96	97	97	97
Socket codes ⁽²⁾	dB(A) @ 7 m	68	68	68	68
	Weight in Kg	46	73.5	81	87
		P2M	P2M	P2F	P2F

X Not available. • Standard. (1) Theoretical value calculated for comparison purposes. (2) See table of sockets on page 31.

* This generating set may be fitted with an IP54 alternator.



Options available for this ranges depending on the model: trolley kit, RCCB, automatic controller, manual changeover switch, loose cover, maintenance kit, storage box. See pages 26 to 28 for the part numbers for these options.

SDMO FEATURE



QUAD CLEAN™ cyclonic filter

PERFORM generating sets are fitted with the exclusive Quad Clean™ air filtration system which protects them from the risk of ingesting dust. Cyclonic Quad Clean™ air filters are no heavier and no larger than a standard air filter but provide 4 levels of filtration which effectively filter out large particles and capture the finest particles. They ensure a continuous supply of clean air to the engine, save fuel, increase the engine performance and extend its lifetime.



PERFORM 3000 TB UK

- 3 kW - 3.75 kVA⁽¹⁾ - 230 V
- KOHLER® - CH 270 engine
- EEC Noise level Lwa
97 Lwa / 68 dB(A) @ 7 m

Application*:
Ideal for site applications
grinders and drills



1 kW 2 kW 3 kW 4 kW 5 kW 6 kW 7 kW 8 kW 9 kW 10 kW 11 kW



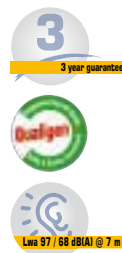
PERFORM 4500 TB UK ▶ NEW

- 4.2 kW - 5.25 kVA⁽¹⁾ - 230 V
- KOHLER® - CH 395 engine
- EEC Noise level Lwa
97 Lwa / 68 dB(A) @ 7 m

Application*:
Ideal for site application
grinders and heavy duty drills



1 kW 2 kW 3 kW 4 kW 5 kW 6 kW 7 kW 8 kW 9 kW 10 kW 11 kW



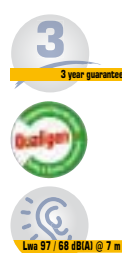
TECHNIC 4500 AVR UK ▶ NEW

- 4.2 kW - 4.95 kVA⁽¹⁾ - 230 V
- KOHLER® - CH 395 engine
- EEC Noise level Lwa
97 Lwa / 68 dB(A) @ 7 m

Application*:
Ideal for powering sensitive equipment
on site/at home



1 kW 2 kW 3 kW 4 kW 5 kW 6 kW 7 kW 8 kW 9 kW 10 kW 11 kW



*For information only.

PRESTIGE

Silent efficiency

INTENS

Exceptionally robust



ALIZÉ® 3000 UK



ALIZÉ® 6000 E UK



HX 3000 TB UK



HX 4000 TB UK



HX 6000 TB UK

SINGLE-PHASE PRESTIGE GENERATING SETS

Type		ALIZÉ® 3000 UK	ALIZÉ® 6000 E UK
Max power 230 V	kW ISO 8528	2.8	5.6
	kVA ⁽¹⁾	3.5	6.05
Engine	Brand	Honda®	Honda®
	Type	GX 200	GX 390
	Oil level shutdown	•	•
	Electric start	X	•
	HP 3.600 rpm	5.5	11
	Run time in hr	9.2	9.6
	Tank in L	12	24
EEC Noise level Lwa	dB(A) @ 7 m	65	63
	Weight in Kg	46	130
	Socket codes ⁽²⁾	P2B	P2G

SINGLE-PHASE GENERATING SETS

Type		HX 3000 TB UK	HX 4000 TB UK	HX 6000 TB UK
Max power 230 V	kW ISO 8528	3.0	4.0	6.0
	kVA ⁽¹⁾	3.75	4.5	6.6
Engine	Brand	Honda®	Honda®	Honda®
	Type	GX 200	GX 270	GX 390
	Oil level shutdown	•	•	•
	Electric start	X	X	X
	HP 3.600 rpm	5.5	8	11
	Run time in hr	2.4	2.5	2.4
	Tank in L	3.1	5.3	6.1
EEC Noise level Lwa	dB(A) @ 7 m	66	67	72
	Weight in Kg	41	56	79
	Socket codes ⁽²⁾	P2B	P2E	P2H

X Not available. • Standard. (1) Theoretical value calculated for comparison purposes. (2) See table of sockets on page 31.



Options available for this ranges depending on the model: trolley kit, RCCB, Quick'lock, manual changeover switch, loose cover, maintenance kit. See pages 26 to 28 for the part numbers for these options.

SDMO FEATURE



Top Box

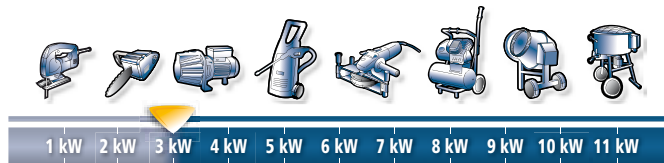
The alternator has a top box with sockets for easy connection of the power cables. This means that more sockets can be fitted (depending on the rating).



HX 3000 TB UK

- 3 kW - 3.75 kVA⁽¹⁾ - 230 V
- HONDA® - GX 200 engine
- EEC Noise level Lwa
95 Lwa / 66 dB(A) @ 7 m

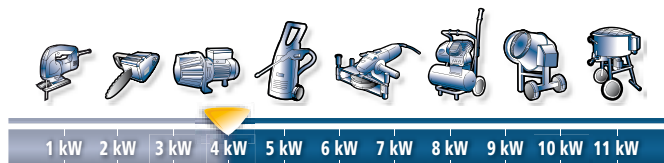
Application*:
ideal for use with grinders.



HX 4000 TB UK

- 4 kW - 4.5 kVA⁽¹⁾ - 230 V
- HONDA® - GX 270 engine
- EEC Noise level Lwa
97 Lwa / 67 dB(A) @ 7 m

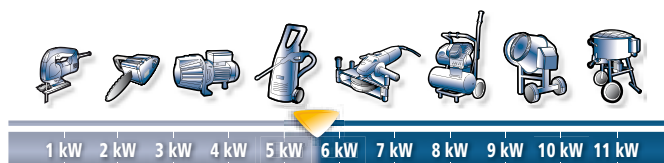
Application*:
ideal for use with pneumatic drills.



ALIZÉ® 6000 E UK

- 5.6 kW - 6.05 kVA⁽¹⁾ - 230 V
- HONDA® GX 390 engine
- EEC Noise level Lwa
91 Lwa / 63 dB(A) @ 7 m

Application*:
ideal for use with professional electric ovens.



*For information only.



DIESEL

Durable with an extended continuous run time

INDUSTRIAL

When you need the best performance



SD 6000 E UK



XP-T6KM-ALIZÉ® UK



XP-T8HKM-ALIZÉ® UK



XP-T9KM-ALIZÉ® UK



XP-T12K-ALIZÉ® UK

SINGLE-PHASE DIESEL GENERATING SET

Type	SD 6000 E ⁽³⁾ UK	
Max power 230 V	kW ISO 8528	5.2
	kVA ⁽¹⁾	6.5
Brand	Yanmar®	
	Type	L100
Engine	Oil level shutdown	•
	Electric start	•
	HP 3.600 rpm	10
	Run time in hr	20
	Tank in L	26
EEC Noise level Lwa	dB(A) @ 7 m	67
	Weight in Kg	177.5
	Socket codes ⁽²⁾	P2J

× Not available. • Standard.

(1) Theoretical value calculated for comparison purposes.

(2) See table of sockets on page 31.

(3) MICS MODYS.

SDMO Options

Options available for this range depending on the model: trolley kit, RCCB, automatic controller, manual changeover switch, loose cover, maintenance kit, storage box. See pages 26 to 28 for the part numbers for these options.

SINGLE-PHASE INDUSTRIAL GENERATING SETS

Type		XP-T6KM-ALIZÉ® UK	XP-T8HKM-ALIZÉ® UK	XP-T9KM-ALIZÉ® UK
Max power 230 V	kW ISO 8528	5.5	7.5	8.6
	kVA ⁽¹⁾	6.0	9.35	10.75
Engine	Brand	Mitsubishi® Diesel	Mitsubishi® Diesel	Mitsubishi® Diesel
	Type	L3E-SD	L2E-SDH	S3L2-SD
	Oil level shutdown	•	•	•
	Electric start	•	•	•
	Run time in hr	29.4	19.2	20
EEC Noise level Lwa	dB(A) @ 7 m	57	65	57
	Weight in Kg	390	340	544
	Socket codes ⁽²⁾	P2D	P2D	P2D

• Standard. (1) Theoretical value calculated for comparison purposes. (2) See table of sockets on page 31. (4) MICS NEXYS. M = single-phase (ex = XP-T9KM-Alizé®) H = 3,000 rpm (ex = XP-T8HKM Alizé®)

SDMO FEATURE

2 engine speeds:

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

3000 rpm: normal engine speed for standby electricity supply, lower purchase price.

SDMO Options

Options available for this range depending on the model: trailer, automatic controller, remote control panel, manual changeover switch, maintenance kit. See 26 to 28 for the part numbers for these options.

THREE-PHASE INDUSTRIAL GENERATING SET

Type	XP-T12K-ALIZÉ® UK	
Max power 400 V	kW ISO 8528	9.2
	kVA ⁽¹⁾	11.5
Engine	Brand	Mitsubishi® Diesel
	Type	S3L2-SD
	Oil level shutdown	•
	Electric start	•
	Run time in hr	20
EEC Noise level Lwa	dB(A) @ 7 m	57
	Weight in Kg	535
	Socket codes ⁽²⁾	P2C

SDMO FEATURE



The NEXYS control unit, the last word in controllers

LCD screen, electrical and mechanical parameters displayed, ergonomic design, polycarbonate front panel. The NEXYS control unit is ultra reliable and easy to use and is available on all INDUSTRIAL ALIZE generating sets.



SD 6000 E UK

- 5.2 kW - 6.5 kVA⁽¹⁾ - 230 V
- YANMAR® DIESEL OHV L 100 engine
- EEC Noise level Lwa 95 Lwa / 67 dB(A) @ 7 m

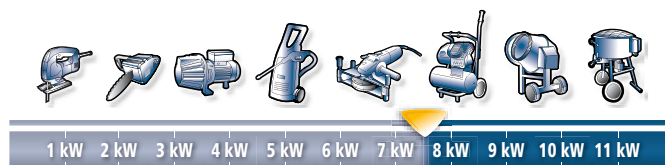
Application*:
ideal for use with air compressors.



XP-T8HKM-ALIZÉ® UK

- 7.5 kW - 9.35 kVA⁽¹⁾ - 230 V
- MITSUBISHI® DIESEL L2E-SDH 3.000 rpm engine

• EEC Noise level Lwa 94 Lwa / 65 dB(A) @ 7 m



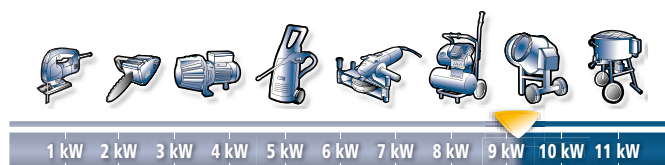
Application*: ideal for supplying several appliances at the same time.



XP-T12K-ALIZÉ® UK

- 9.2 kW - 11.5 kVA⁽¹⁾ - 400 V
- MITSUBISHI® DIESEL S3L2-SD 1.500 rpm engine

• EEC Noise level Lwa 86 Lwa / 57 dB(A) @ 7 m



*For information only.



SPECIAL PRODUCT

For special applications



R10C POWER BOX

SINGLE-PHASE GENERATING SET

Type		R10C Power Box ⁽⁴⁾
Max power	kW ISO 8528	7.2
	kVA ⁽¹⁾	7.8
Engine	Brand	Mitsubishi®
	Type	S3L2-SD
	Oil level shutdown	•
	Electric start	•
	Run time in hr	17
	Tank in L	44
EEC Noise level Lwa	dB(A) @ 1 m	86
	Weight in Kg	57
		500

(4) MICS NEXYS



T16K

MULTI-PHASE GENERATING SET

Type		T16K ⁽⁴⁾
Max power	kW ISO 8528	12
	kVA ⁽¹⁾	13
Engine	Brand	Mitsubishi®
	Type	S4L2-SD
	Oil level shutdown	•
	Electric start	•
	Run time in hr	14.7
	Tank in L	50
EEC Noise level Lwa	dB(A) @ 1 m	87
	Weight in Kg	71
		575

(4) MICS NEXYS

Power Box: practical and compact, supplied with accessories.

Practical: compact design, especially designed for use in enclosed spaces or containment, access from one side enables easy servicing. Supplied with 500 hours service kit.



R10C POWER BOX

- 7.2 PRP kW - 230 V
 - MITSUBISHI® DIESEL S3L2-SD engine
 - EEC Noise level Lwa
86 Lwa / 57 dB(A) @ 1 m
- Application*:**
Ideal for welfare cabins.



1 kW 2 kW 3 kW 4 kW 5 kW 6 kW 7 kW 8 kW 9 kW 10 kW 11 kW



 Lwa 86 / 57 dB(A) @ 1 m

T16K

- 12 PRP kW - 400 V
 - MITSUBISHI® DIESEL S4L2-SD engine
 - EEC Noise level Lwa
87 Lwa / 71 dB(A) @ 1 m
- Application*:**
Ideal site generator offering multi-phase output 400V, 230V and 110V.



1 kW 2 kW 3 kW 4 kW 5 kW 6 kW 7 kW 8 kW 9 kW 10 kW 11 kW



 Lwa 87 / 71 dB(A) @ 1 m

*For information only.

3 criteria for selecting the right welding set.

Essential for welding on worksites without electricity or when carrying out maintenance on isolated machines, WELDARC welding sets are practical, easy to transport and ready to use in record time. They can also be used as auxiliary generating sets for the supply of electricity.

WELDING SET



1 Frequency of use

A DC voltage welding set, like those in the WELDARC range, will enable you to use all electrode types and weld even the most technical material.

2 The types of electrode you use

Each welding set offers you the choice of a variety of electrodes, which it is essential to specify before selecting your welding set.

Rutile

An electrode for general use which is very flexible in use.

Cellulosic

An electrode suitable for downward welding.

Basic

An electrode for high strength welds. This use is recommended for parts under significant mechanical strain. It requires welding using direct current.

The maximum diameter of the welding rod is also an important criterion that you should keep in mind when selecting your welding set. Do not forget to take this into account.

3 The backup power you need

All welding sets in the WELDARC range can supply electrical current through their auxiliary outputs. They can be used as standard electricity generating sets and the choice of model for this function is subject to the same criteria as the other electricity generating sets in the Portable Power range.

WELDARC

The welding solution for worksites without electricity

WELDARC INTENS WELDING SETS

Type		VX 200/4H
Engine	Brand	Honda®
	Type	GX 390
	Run time in hr	2.4
Auxiliary sources	230 V kW ISO 8528	4.0
	400 V kVA ⁽¹⁾	-
Welding rate	60% (intensive)	170 A
	35 % (normal)	200 A
Rods	Min/max Ø in mm	1.6-4
EEC Noise level Lwa		97
	dB(A) @ 7 m	68
	Weight in Kg	87
Socket codes ⁽²⁾		P2C

(1) Theoretical value calculated for comparison purposes.

(2) See table of sockets on page 31.



Options available for this product: trolley kit, RCCB, maintenance kit, loose cover, welding kit. See pages 26 to 28 for the part numbers for these options.



VX 200/4H

- Welding rate:
Intensive (60%): 170 Amp.
Normal (35%): 200 Amp
- HONDA® - GX 390 engine
- Min./Max Ø rod 1.6/4 mm
- Auxiliary output: 4 kW - 230V (with circuit breaker)
- EEC Noise level Lwa
97 Lwa / 68 dB(A) @ 7 m



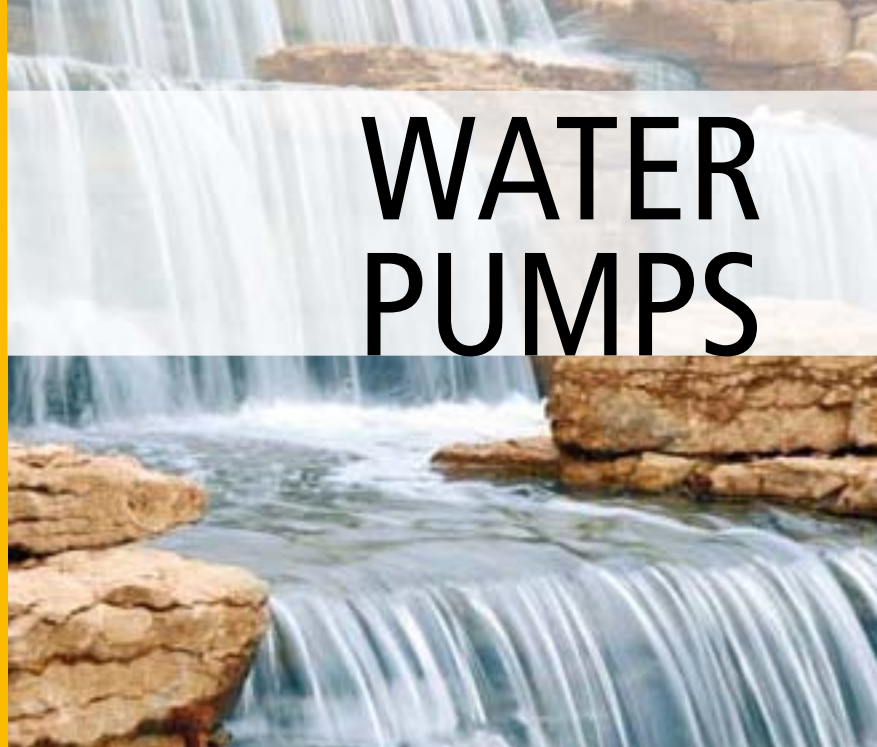
3 essential steps to choosing the right water pump.

AQUALINE™ pumps are designed for professional use to meet the particular requirements of each worksite, from transferring clean water to more exacting requirements.

All SDMO® pumps are self-priming: there is an anti-return valve to fill the intake system by pumping the air through.

NB: the body of the pump must be filled with liquid before the pump is started.

WATER PUMPS



1 Assess the nature of the water or fluid to be pumped

Since all liquids needing pumping do not share the same characteristics, SDMO® water pumps are designed for multiple purposes depending on:

► The suction height

● Clean / nearly clean water or dirty water

The AQUALINE™ INTENS range has 2 models, depending on the quality of the water to be pumped.

- The ST model is recommended for applications such as horticulture, pumping out swimming pools, etc.
- The TR model is specially designed for pumping out muddy trenches, excavations, sediment, etc.

● Special fluids, chemicals, corrosive fluids, etc

There are 3 models of AQUALINE™ SPECIALIST for specific applications.

- The HP 2.26 H is designed for cleaning floors, terraces, agricultural or worksite plant.
- The XC 2.34 H is recommended for agricultural use, for pumping liquid manure and for processing salt water. It is also invaluable for first line fire-fighting.
- The XT 3.78 H and TRASH 4 are designed for extreme, intensive use and can handle solid particles up to 20 - 30 mm.

► The flow and pressure required depending on the head losses.

2 Calculate the height of the elevation required

The elevation is more or less important depending on the configuration of the installation or the application (pumping out, sprinkling, irrigation, draining, washing). It is calculated from:

► The suction height

This is the difference in height between the level of the water to be pumped and the shaft of the pump. The laws of gravity dictate that this cannot exceed 8m.

► The discharge height

This is the difference in height between the shaft of the pump and the highest point of the network.

► The head 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 shapes and the number of accessories (for general cases, we take around 20%).

3 Determine the flow to choose the right output

The flow corresponds to the maximum quantity of water that can be extracted at a given height. It is determined by checking the height of elevation in metres on the curve. The flow in L/min may then be deduced. The height of elevation determines the available pressure.

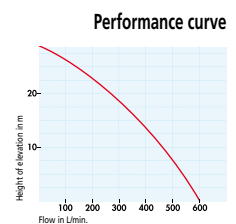
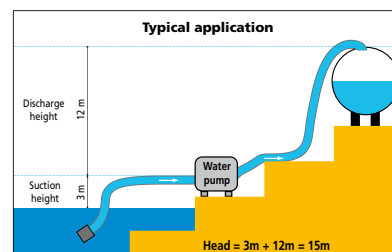
This is divided by 10 to obtain the pressure in bar. If this pressure is not enough, a more powerful model should be selected.

The flow and the discharge height are the main criteria used in selecting your water pump.

TECHNICAL CHARACTERISTICS

Model	AQUALINE™ INTENS				AQUALINE™ SPECIALIST			
	ST 2.36 H	ST 3.60 H	TR 2.36 H	TR 3.60 H	HP 2.26 H	XC 2.34 H	XT 3.78 H	TRASH 4
Helix	Graphite cast iron	Graphite cast iron	Graphite cast iron	Graphite cast iron	Graphite cast iron	PET*	Graphite cast iron	Graphite cast iron
Impeller	Cast iron	Cast iron	Graphite cast iron	Graphite cast iron	Graphite cast iron	PET*	Graphite cast iron	Graphite cast iron
Mechanical seal	Ceramic carbon	Ceramic carbon	Silicon carbide	Silicon carbide	Ceramic carbon	Ceramic carbon	Silicon carbide	Silicon carbide
Ease of removal	•	•	••	••	•	•	•••	•••

• Tool required •• Tool supplied ••• No tool required * PolyEthylene Terephthalate
Silicon carbide: higher abrasion resistance, lasts longer, low maintenance.
Graphite cast iron: harder, more resistant, too particulate abrasion when taking in water.



$$\text{Height of elevation} = \text{suction height} + \text{height of lift} + \text{head loss}$$

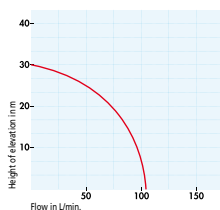


AQUALINE™ INTENS

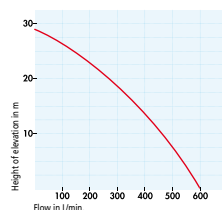
Designed for water with low solid content



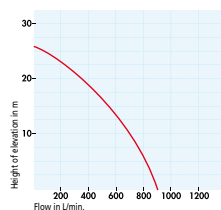
CLEAR 1



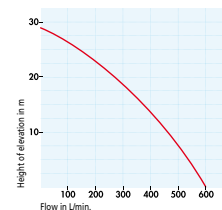
ST 2.36 H



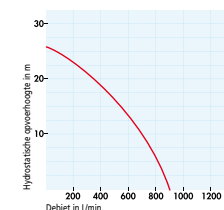
ST 3.60 H



TR 2.36 H



TR 3.60 H



WATER PUMPS

Type		CLEAR 1	ST 2.36 H	ST 3.60 H	TR 2.36 H	TR 3.60 H
	Height of elevation in m	30	29	26	29	26
	Max flow in m ³ /hr	6.6	36	54	36	54
	Granulometry in mm	8	8	8	8	8
Engine	Brand	Mitsubishi®	Honda®	Honda®	Honda®	Honda®
	Type	TLE 20 (2 Stroke)	GX 120	GX 160	GX 120	GX 160
	Run time in hr	1	2	4.3	2	3.4
	EEC Noise level Lwa	105	103	105	103	105
	dB(A) @ 7 m	77	75	77	75	77
	Weight in Kg	4.9	23	29	23	29



Options available for this range depending on the model: loose cover, hose kit, quick connectors. See page 29 for the part numbers for these options.

SDMO FEATURE

HONDA® technology combined with ease of maintenance

AQUALINE™ INTENS ST 2.36 H and ST 3.60 H pumps are ideal for occasional pumping of clean or nearly clean water. They are fitted with high performance, professional HONDA® engines that are also suitable for extended use. The AQUALINE™ INTENS TR 2.36 H and TR 3.60 H models have a very high quality pump body and are designed for treating dirty water intensively and reliably. The front cover can be removed for quick cleaning, which is a considerable help for professionals.



CLEAR 1

- Flow: 6.6 m³/h
- Height of elevation: 30 m
- MITSUBISHI® TLE 20 (2 stroke) engine
- Maximal pressure: 3 bar

Hose kit included: 5 m intake hose + 10 m output hose
Application*: ideal for irrigation or garden watering.



ST 2.36 H

- Flow: 36 m³/h
- Height of elevation: 29 m
- HONDA® GX 120 engine
- Maximal pressure: 2.9 bar

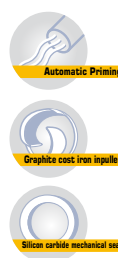
Application*: ideal for irrigation or emptying swimming pools.



TR 3.60 H

- Flow: 54 m³/h
- Height of elevation: 26 m
- HONDA® GX 160 engine
- Maximal pressure: 2.6 bar

Application*: ideal for pumping out cellars or muddy worksite trenches.



*Given for information only.

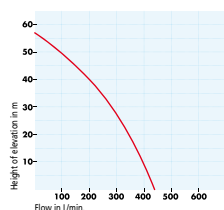


AQUALINE™ SPECIALIST

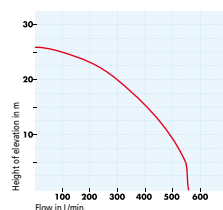
High performance under extreme conditions



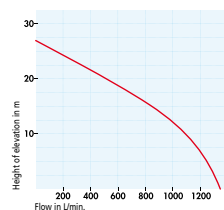
HP 2.26 H



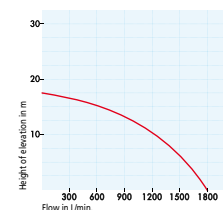
XC 2.34 H



XT 3.78 H



TRASH 4



WATER PUMPS

Type		HP 2.26 H	XC 2.34 H	XT 3.78 H	TRASH 4
	Height of elevation in m	57	26	27	17
	Max flow in m ³ /hr	26.4	33.6	80.4	108
	Granulometry in mm	8	8	27	28
Engine	Brand	Honda®	Honda®	Honda®	Kohler® Diesel
	Type	GX 160	GX 120	GX 240	KD 350
	Run time in hr	3.4	2	2.7	4.1
	EEC Noise level Lwa	108	103	110	108
	dB(A) @ 7 m	80	75	82	78
	Weight in Kg	30	22	58	90



Options available for this range depending on the model: loose cover, hose kit, quick connectors. See page 29 for the part numbers for these options.

SDMO FEATURE

More advanced technology and longer life

The high pressure HP 2.26 H has an optional lance kit (cf. p. 29), making it ideal for fire-fighting.
The XC 2.34 H pump has a particularly effective anti-corrosion body, designed to withstand aggressive fluids. This makes it particularly useful for pumping salt water.



HP 2.26 H

- Flow: 26.4 m³/h
- Height of elevation: 57 m
- HONDA® GX 160 engine
- Maximal pressure: 5.7 bar

Application*:
ideal for first line fire-fighting or cleaning agricultural plant.



XC 2.34 H

- Flow: 33.6 m³/h
- Height of elevation: 26 m
- HONDA® GX 120 engine
- Maximal pressure: 2.6 bar

Application*:
ideal for pumping chemicals and corrosive fluids.



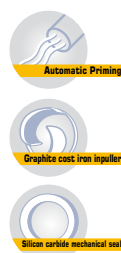
SDMO FEATURE

Pump body has stainless steel fixings.

XT 3.78 H

- Flow: 80.4 m³/h
- Height of elevation: 27 m
- HONDA® GX 240 engine
- Maximal pressure: 2.7 bar

Application*:
ideal for pumping out muddy trenches on worksites.



*Given for information only.

ACCESSORIES AND OPTIONS



Accessories and options for generating sets and welding set

Accessories supplied as standard

For commissioning

Funnel (except PRESTIGE, and INDUSTRIAL ranges).



For handling

Trolley kit: 4 wheels mounted on the chassis for the Alizé® 6000 E UK.



For maintenance

Illustrated user and maintenance manual in 20 languages.



For storage

Tool tray mounted on VX200 4H.



For safety

RCCB on all generating sets in the INDUSTRIAL range.

GenParts® SDMO® manufacturer's original parts

SDMO's Spare Parts Service manages 45,000 different parts, with 10,000 in stock in its 1500 m² warehouse to ensure that your equipment will continue to be maintained.

Its 35 highly trained technicians and its effective part identification system are able to define your needs clearly and quickly to provide you with the parts or consumables that are best suited to your equipment.

With the support of its reliable suppliers, SDMO's Spare Parts Service is able to ensure fast procurement, world-wide, of original GenParts®, a brand exclusive to SDMO®.



Accessories and options for generating sets and welding set (cont)

Ex works options only

■ For generating sets

■ For welding set

Automatic transfer panels

■ Ref. R05A/Verso M*/Verso T*

Automatic startup on mains power failure.

If the mains power supply fails, the automatic controller sends a startup signal to the generating set. When the generating set starts up, the controller changes over to the backup power supply. Similarly, when the controller detects that the mains power supply has been restored, it switches back to the mains and stops the generating set. The RCCB option is required for EU countries.



Ref. R05A



Ref. Verso M*



Ref. Verso T*

**Includes the adapter + auto pack (battery charger + preheater)*

Road trailers

■ Ref. 530043

Road trailer for XP-T6KM-ALIZE® UK and XP-T8HKM-ALIZE® UK. Ask for details.

■ Ref. 530050

Road trailer for XP-T9KM-ALIZE® UK and XP-T12K-ALIZE® UK. Ask for details.



Ref. 530043

Accessories and options for generating sets and welding set (cont)

Options supplied separately

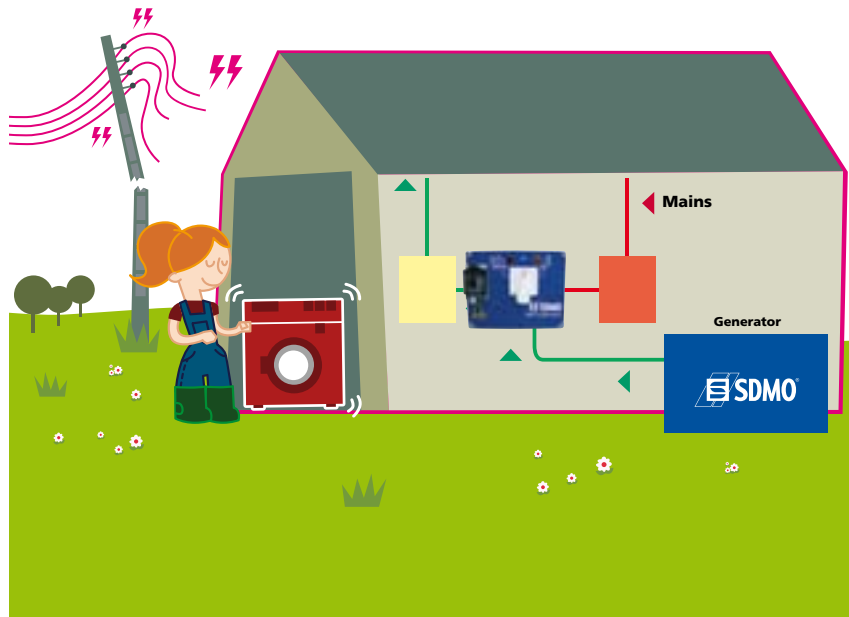
■ For generating sets

■ For welding set

Manual transfer switch

■ Ref. MTS

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



Cover

■ Ref. RHO/RH1/RH2

Loose cover for storing and protecting generating sets and welding set during the winter.



Bottles of oil

■ Ref. RBH0.5/RBH1

Oil available in 0.5L and 1L bottles (SAE 15W40)



Storage box

■ Ref. RBAC

Optional removable storage tray for certain generating sets in the PERFORM and DIESEL ranges.



Set of male plug

■ Ref. R50

16A blue 230V male plug.



■ Ref. R51

16A yellow 115V male plug.



■ Ref. R52

32A blue 230V male plug.



■ Ref. R53

32A yellow 115V male plug.



Accessories and options for generating sets and welding set (cont)

Options supplied separately

■ For generating sets

■ For welding set

Trolley kits

■ Ref. R06

Trolley kit for 2 and 3 kW generating sets. With 1 handle and puncture proof tyres (diameter 187 mm).



■ ■ Ref. R06A

Trolley kit for 2 and 3 kW Rental Power generating sets..



■ ■ Ref. R07

Trolley kit with handle bars to facilitate transport of the generating sets. With handles and puncture proof tyres (diameter 260 mm).



■ Ref. R07C

For moving SD 6000 E XL and SD 6000 TE XL generating sets. With 2 handles and inflatable tyres (diameter 360 mm)



■ ■ Ref. RKB1

With 2 handles and 2 wheels with puncture proof tyres (Ø 260 mm). For generating sets and welding sets up to 6 kW.



■ ■ Ref. RKB2

With 4 handles and 2 wheels with inflatable tyres (Ø 360 mm) for generating sets and welding sets over 6 kW.



Earth spike

■ ■ Ref. RPQ

For earthing your generating set. A 1m long galvanised spike, supplied with 2m of 10 mm² thick cable.



Welding kit

■ Ref. R10

Includes 2 x 5m cable, 1 earth clip, 1 electrode holder, 1 hammer, 1 brush, 1 mask.



Maintenance kits

■ ■ Ref. R18*

10 maintenance kits for HONDA® GX 160 and GX 200 engines.

■ ■ Ref. R19*

10 maintenance kits for HONDA® GX 270 and GX 390 engines.

■ ■ Ref. RKS1**

10 maintenance kits for CH 270 KOHLER® engine.



Ref. R18 et R19

* Each kit includes a bottle of oil, a spark plug and an air filter.



Ref. RKS1

** Each kit contains a bottle of oil, a spark plug, an air filter and a fuel filter.

RCCB

■ ■ Ref. RKD1

Kit of 2 plug-in RCCB adaptaters for domestic sockets. For insulated neutral (TT) systems. For fixed systems with hours counter, see factory fitted option.



Adaptators

■ ■ Ref. R55

16A/13A adaptator economy.



■ ■ Ref. R56

16 /13A double adaptator.



Accessories and options for water pumps

Accessories supplied as standard

Strainer, hose clips, connectors and hose kits



For ST 2.36 H and CLEAR 1



For ST 3.60 H



For HP 2.26 H and XC 2.34 H



For XT 3.78 H



For TR 2.36 H



For TR 3.60 H



For TRASH 4



For CLEAR 1: 5m intake hose + 10m output hose

Options supplied separately

Cover

Ref. RH0/RH1

Loose cover for storing and protecting pumps during the winter.



Trolley kits

Ref. RKB2

With 4 handles and 2 wheels with inflatable tyres (Ø 360 mm) for moving the pumps.



Bottles of oil

Ref. RBH0.5/RBH1

Oil available in 0.5L and 1L bottles (SAE15W40).



Quick release connectors

Ref. R13/R14

Quick release connections kit for 2" and 3" water pumps*.



Maintenance kits

Ref. R18

10 maintenance kits for HONDA® GX 160 and GX 200 engines.

Ref. R19

10 maintenance kits for HONDA® GX 270 and GX 390 engines.



Each kit includes a bottle of oil, a spark plug and an air filter.

Lance kit

Ref. R09

Lance kit for HP 2.26 H water pumps comprising 2 fire hose connectors, 25m fire hose, 5m intake hose and a fire-fighting lance (with jet, spray and off).



Hose kit

Ref. R11/R12

For 2" and 3" pumps with 5m intake hose + 25m output hose.



Ref. R21

Hose kit for 4" water pumps made up of 5m suction + 25m lift.



*Supplied as standard with the 4" pumps.

Technical characteristics - Generating sets

SINGLE-PHASE GENERATING SETS

Range	50 Hz				Engine						Alternator		Options ⁽³⁾													
	Type	Qualifier	Max power 230V		Brand	Type	Oil level shutdown	Electric start	HP 3,600 rpm	Run time in hr	Tank in L	230V Circuit breaker	EEC Noise level Lwa dB(A) @ 7 m	Dimensions L x w x h in cm	Weight in Kg	Trolley kit trailer	Earth fault protection	Automatic transfer switch	Remote control panel	Manual transfer switch	Adapter	Cover	Maintenance kit	Storage box	Socket codes ⁽²⁾	
kW ISO 8528	kVA ⁽¹⁾																									
PERFORM	PERFORM 3000 TB UK	Yes	3.0	3.75	Kohler®	CH 270	•	X	6	3.2	4.1	•	96	68	65 x 51 x 46	43	RKB1	RKD1	X	X	MTS	R54 - R55 - R56	RHO	RKS1	RBAC	P2B
	PERFORM 4500 TB UK	Yes	4.2	5.25	Kohler®	CH 395	•	X	8.5	3.5	7.3	•	97	68	81 x 55.5 x 59	66.5	RKB1	RKD1	X	X	MTS	R54 - R55 - R56	RH1	X	RBAC	P2E
TECHNIC	TECHNIC 3000* UK	Yes	3.0	3.75	Kohler®	CH 270	•	X	6	10	13	•	96	68	65 x 51 x 46	46	RKB1	RKD1	X	X	MTS	R54 - R55 - R56	RHO	RKS1	X	P2M
	TECHNIC 4500 AVR UK	Yes	4.2	4.95	Kohler®	CH 395	•	X	8.5	11.8	20	•	97	68	81 x 55.5 x 59	73.5	RKB1	RKD1	X	X	X	R54 - R55 - R56	RH1	X	X	P2M
	SH 6000 UK	Yes	6.0	6.6	Honda®	GX 390	•	X	11	8	20	•	97	68	77 x 57 x 59	81	R07	R02	X	X	MTS	R54 - R55 - R56	RH1	R19	X	P2F
	SH 6000 E UK	Yes	6.0	6.6	Honda®	GX 390	•	•	11	8	20	•	97	68	77 x 57 x 59	87	R07	R02	R05A	MTS	R54 - R55 - R56	RH1	R19	X	P2F	
PRESTIGE	ALIZÉ® 3000 UK	Yes	2.8	3.5	Honda®	GX 200	•	X	5.5	9.2	12	•	94	65	57 x 45 x 46	46	R06	RKD1	X	X	MTS	R54 - R55 - R56	RHO	X	X	P2B
	ALIZÉ® 6000 E UK	Yes	5.6	6.05	Honda®	GX 390	•	•	11	9.6	24	•	91	63	78 x 59 x 75.5	130	•*	R02B	X	X	MTS	R54 - R55 - R56	X	X	X	P2G
INTENS	HX 3000 TB UK	Yes	3.0	3.75	Honda®	GX 200	•	X	5.5	2.4	3.1	•	95	66	59 x 46 x 43	41	R06	RKD1	X	X	MTS	R54 - R55 - R56	RHO	R18	X	P2B
	HX 4000 TB UK	Yes	4.0	4.5	Honda®	GX 270	•	X	8	2.5	5.3	•	97	67	71.5 x 57 x 49	56	R07	RKD1	X	X	MTS	R54 - R55 - R56	RH1	R19	X	P2E
	HX 6000 TB UK	Yes	6.0	6.6	Honda®	GX 390	•	X	11	2.4	6.1	•	103	72	77 x 57 x 59	79	R07	R02	X	X	MTS	R54 - R55 - R56	RH1	R19	X	P2H
DIESEL	SD 6000 E ⁽³⁾ UK	Yes	5.2	6.5	Yanmar®	L100	•	•	10	20	26	•	95	67	95.1 x 79 x 112.5	177.5	R07C	R02B	R05A	MTS	R54 - R55 - R56	X		X	P2J	
INDUSTRIAL	XP-T6KM-ALIZÉ ⁽⁴⁾ UK	Yes	5.5	6.0	Mitsubishi® Diesel	L3E-SD	•	•	X	29.4	50	•	86	57	150 x 76 x 103	390	530043	•	VERSO M	CM308	MTS	X		RMS	X	P2D
	XP-T8HKM-ALIZÉ ⁽⁴⁾ UK	Yes	7.5	9.35	Mitsubishi® Diesel	L2E-SDH	•	•	X	19.2	50	•	94	65	150 x 76 x 103	340	530043	•	VERSO M	CM308	MTS	X		RMS	X	P2D
	XP-T9KM-ALIZÉ ⁽⁴⁾ UK	Yes	8.6	10.75	Mitsubishi® Diesel	S3L2-SD	•	•	X	20	50	•	86	57	175 x 77.5 x 123	544	530050	•	VERSO M	CM308	MTS	X		RMS	X	P2D

Range	Type	Power		Engine manufacturer	Engine model	Alternator manufacturer	Alternator model	Run time in hr	Fuel capacity in L	EEC Noise level Lwa in L	dB(A) @ 1 m	Dimensions L x w x h in cm	Weight in Kg	Standart equipment			
		PRP kW	ESP kW											Adjustable earth protection	Battery isolator switch	Heavy duty air filter	NEXYS ⁽⁴⁾ control
SPECIAL PRODUCT	R10C Power Box	7.2	7.8	Mitsubishi®	S3L2-SD	MECC ALTE	NPE32-C/4	17	44	86	57	115 x 80 x 115	500	Adjustable earth protection	Battery isolator switch	Heavy duty air filter	NEXYS ⁽⁴⁾ control

THREE-PHASE GENERATING SET

Range	50 Hz			Engine						Alternator		Options ⁽³⁾									
	Type	Qualifier	Max power	Brand	Type	Oil level shutdown	Electric start	Run time in hr	Tank in L	Circuit breaker	Circuit breaker	EEC Noise level Lwa dB(A) @ 7 m	Dimensions L x w x h in cm	Weight in Kg	Road trailer	Earth fault protection	Automatic starter box	Commissioning	Socket codes ⁽²⁾		
3-ph 400 V	kW ISO 8528																				
INDUSTRIAL	XP-T12K-ALIZÉ ⁽⁴⁾ UK	Yes	9.2	Mitsubishi® Diesel	S3L2-SD	•	•	20	50	•	•	86	57	175 x 77.5 x 123	535	530050	•	VERSO T	CM308	P2C	

MULTI-PHASE GENERATING SET

Range	Type	Power		Engine manufacturer	Engine model	Alternator manufacturer	Alternator model	Run time in hr	Fuel capacity in L	EEC Noise level Lwa dB(A) @ 1 m	Dimensions L x w x h in cm	Weight in Kg	Standart equipment		Optional equipment		
		PRP kW	ESP kW										Multiphase socket panel	NEXYS ⁽⁴⁾ control panel	Heavy duty air filter	Braked trailer	
SPECIAL PRODUCT	T16K	12	13	Mitsubishi®	S4L2-SD	MECC ALTE	EC03-3LN	14.7	50	87	71	175 x 72 x 123	575	Multiphase socket panel	NEXYS ⁽⁴⁾ control panel	Heavy duty air filter	Braked trailer

X Not available. • Standard. •* 4 wheels fitted on frame. Δ Available.

(1) Theoretical value calculated for comparison purposes. (2) See table of sockets opposite. (3) See options, pages 26 to 28. (4) MICS NEXYS: Displays following parameters: frequency, battery voltage, timing, hours counter and generating set speed. (5) MICS MODYS: Displays following parameters: overspeed, non-starting, oil pressure, battery and temperature.

* These generating sets are fitted with an IP54 alternator.

Technical characteristics - Welding set and water pumps

WELDING SET

Range	Type	Qualigen	Engine				Auxiliary sources		Welding rate		Adjustments		Rods		Max. Starting current	Nominal	EEC Noise level Lwa dB(A) @ 7m	Dimensions L x w x h in cm	Weight in Kg	Options ⁽⁵⁾						Socket codes ⁽⁶⁾	
			Brand	Type	Run time in hr	Tank in L	230 V kW @ 60/50/30	400 V kVA ⁽¹⁾	60% (intensive)	35% (normal)	Min/max amperage	Current	Min/max Ø in mm	All types						Trolley kit trailer	Earth fault protection	Maintenance kit	Storage box	Loose cover	Welding kit		
WELDARC INTENS	VX 200/4H	Yes	Honda®	GX 390	2.4	6.1	4.0	-	170 A	200 A	50-200 A	Direct	1.6-4	Yes	75 V	230 V	97	68	88 x 57 x 55.5	87	R07	RKD1	R19	•	RH2	R10	P2C

WATER PUMPS

Range	Type	Pump								Engine						EEC Noise level Lwa dB(A) @ 7 m	Dimensions L x w x h in cm	Weight in Kg	Accessories				Options ⁽⁵⁾			
		Suction Ø in mm	Lift Ø in mm	Height of elevation in m	Max flow in m³/hr	Max flow in L/min	Max suction height in m	Granulometry in mm	Automatic priming	Brand	Type	Run time in hr	HP 3.600 rpm	Tank in L	Oil level shutdown				Input/output connectors	Filter	Clamp	Cover	Hose kit	Quick release connectors	Trolley kit trailer	
AQUALINE™ INTENS	CLEAR 1	25	25	30	6.6	110	8	8	Yes	Mitsubishi®	TLE 20 (2 Stroke)	1	0.8	0.4	X	105	77	32 x 28 x 35.3	4.9	2	1	3	X	•	X	X
	ST 2.36 H	50	50	29	36	600	8	8	Yes	Honda®	GX 120	2	3.5	2.0	Yes	103	75	46.8 x 36.2 x 38	23	2	1	3	RHO	R11	R13	X
	ST 3.60 H	80	80	26	54	970	8	8	Yes	Honda®	GX 160	4.3	4.8	3.1	Yes	105	77	50.5 x 41.4 x 44.8	29	2	1	3	RHO	R12	R14	X
	TR 2.36 H	50	50	29	36	600	8	8	Yes	Honda®	GX 120	2	3.5	2.0	Yes	103	75	46.8 x 36.2 x 39.8	23	2	1	3	RHO	R11	R13	X
	TR 3.60 H	80	80	26	54	900	8	8	Yes	Honda®	GX 160	3.4	4.8	3.1	Yes	105	77	50.5 x 39.8 x 46.6	29	2	1	2	RHO	R12	R14	X
AQUALINE™ SPECIALIST	HP 2.26 H	50	50	57	26.4	440	8	8	Yes	Honda®	GX 160	3.4	4.8	3.1	Yes	108	80	41.5 x 54.5 x 45.5	30	2	1	2	RHO	R09	X	
	XC 2.34 H	50	50	26	33.6	560	8	8	Yes	Honda®	GX 120	2	3.5	2.0	Yes	103	75	52 x 42.8 x 44.8	22	2	1	3	RHO	R11	R13	X
	XT 3.78 H	80	80	27	80.4	1340	8	27	Yes	Honda®	GX 240	2.7	7.1	5.3	Yes	110	82	69 x 48.5 x 53.2	58	2	1	3	RHO	R12	R14	X
	TRASH 4	100	100	17	108	2000	8	28	Yes	Kohler® Diesel	KD 350	4.1	7.0	4.3	X	108	78	71.5 x 57 x 59	90	2	1	3	RH1	R21	•	R07

SOCKETS

Code	Description
P2A	1 x 2P+T 230V 13A - circuit breaker
P2B	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker
P2C	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker + 1 x 3P+T+N 400V 16A - circuit breaker + MICS NEXYS
P2D	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker + 1 x 2P+T 230V 32A - circuit breaker + MICS NEXYS
P2E	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 115V 32A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker
P2F	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 115V 32A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker + 1 x 2P+T 230V 32A - circuit breaker
P2G	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 115V 32A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker + 1 x 2P+T 230V 32A - circuit breaker + hours counter + indicator light
P2H	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 115V 32A - circuit breaker + 2 x 2P+T 230V 16A - circuit breaker
P2I	2 x 2P+T 230V 13A - circuit breaker
P2J	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 115V 32A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker + 1 x 2P+T 230V 32A - circuit breaker + emergency stop button + hours counter + indicator light + MICS MODYS
P2K	2 x 2P+T 230V 13A - circuit breaker + 1 x 12V 5A - circuit breaker
P2L	2 x 2P+T 230V 13A - circuit breaker + 1 x 12V 5A - circuit breaker + indicator light + hours counter
P2M	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker + hours counter
P2N	1 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 115V 32A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker + hours counter
P2O	2 x 2P+T 115V 16A - circuit breaker + 1 x 2P+T 230V 16A - circuit breaker

X Not available. • Standard. Δ Available.

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