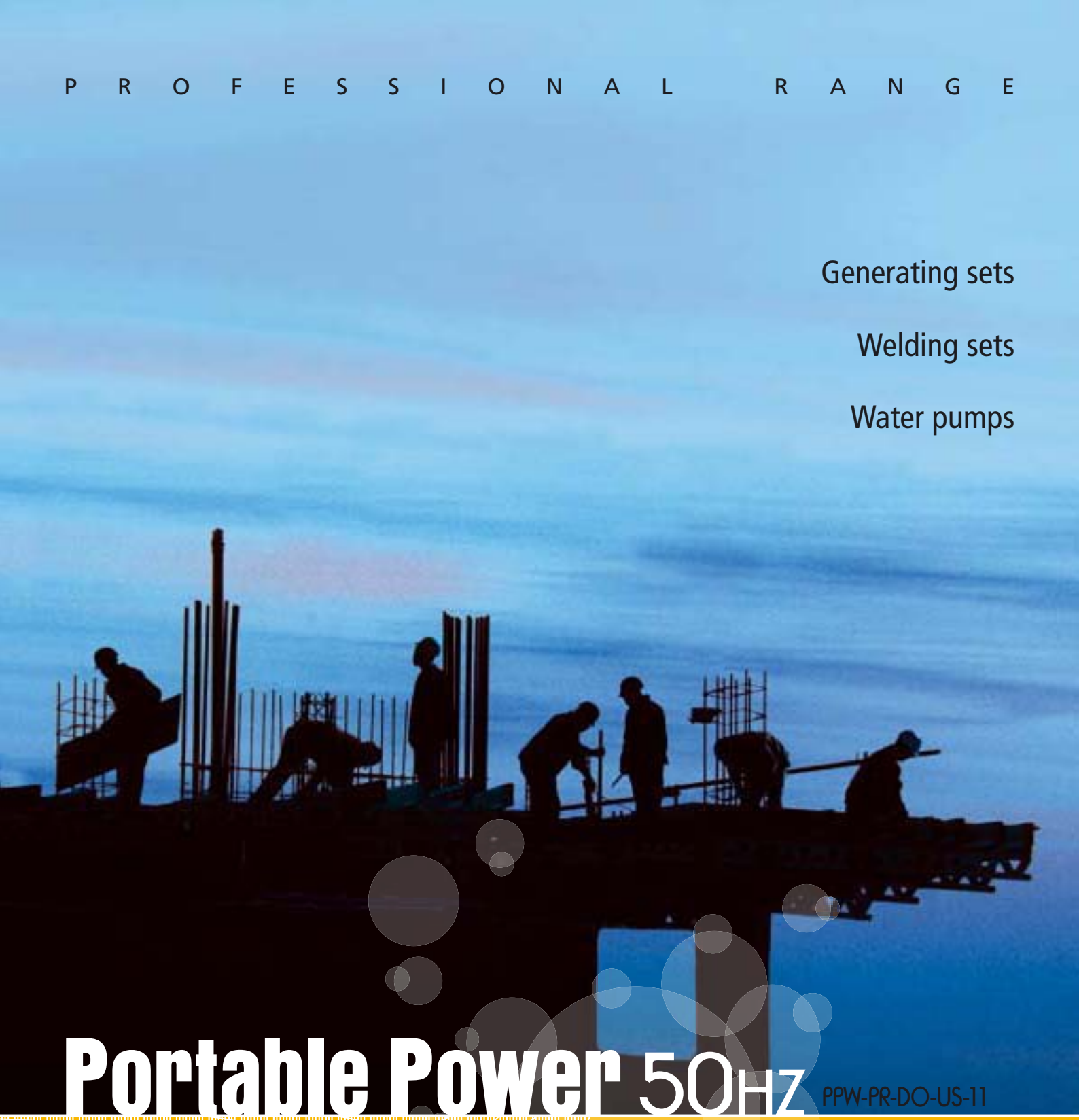
P R O F E S S I O N A L R A N G E



Generating sets

Welding sets

Water pumps

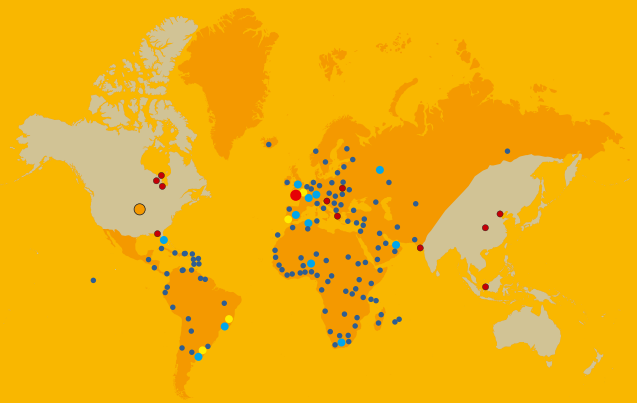
Portable Power 50Hz

PPW-PR-DO-US-11

SDMO®

Energy Solutions Provider

Table of contents



KOHLER® POWER SYSTEM REGION
- Head Office
- Sites and factories

SDMO® REGION
- Head Office
- Subsidiaries and offices
- Distributors
- Stocks

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 gensets 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.

Its knowledge of the specificities of every use 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 with a high precision mechanical calculations.
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

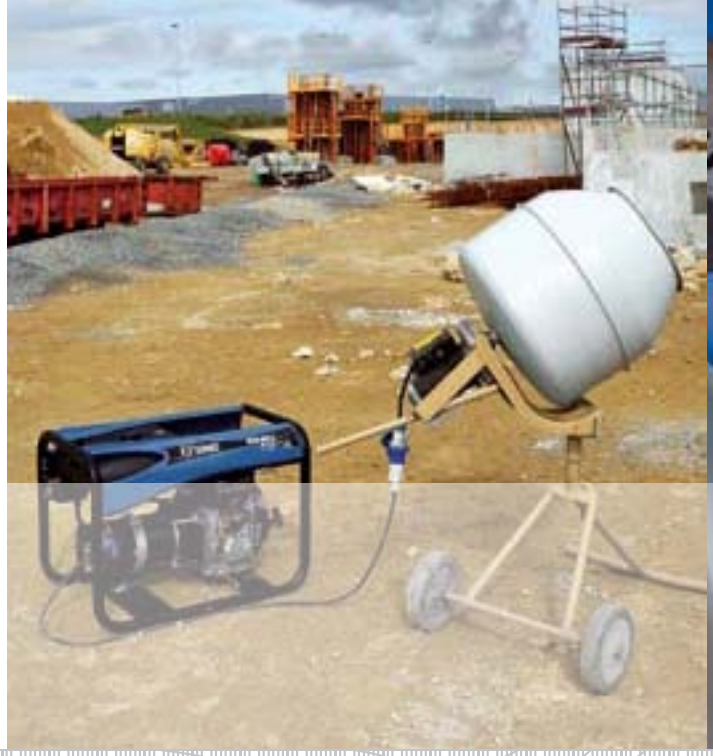
Comfort, silence and safety are the catchphrases of this home-focused range. Designed to automatically take over in the event of a power cut and ensure the uninterrupted operation of all household appliances, this range is all about comfort.

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 genset 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.

Design and ergonomics

Genarator 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.

Technological solutions to meet all requirements

Ingress protection IP54

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

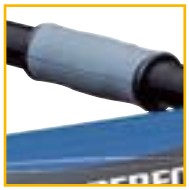
Oversized alternator

The oversized alternator is ideal for supplying electronic equipment and provides a more reliable supply from HX 6080 and SH 6080 gensets. It has very low harmonic current and limits the voltage and frequency variation of the power supplied as well as handling high surge loads.

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.

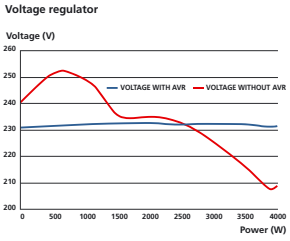
* Automatic Voltage Regulation.



Grips on the handles to make handling easier

Feet for better stability on all types of ground

Clean, functional design



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.

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 CH640

KOHLER® engine CH440

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

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.

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

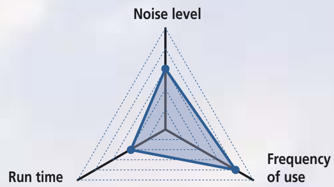
Choosing the right generating set:
2 simple, essential steps

1 What will it be used for and how often?

Requirement | **Range**

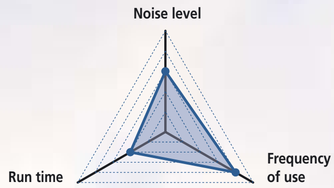
- easy to handle equipment that is efficient, cost effective and suitable for frequent use

PERFORM (p. 10)



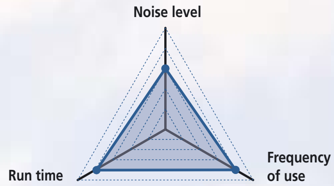
- equipment that is robust, long-lasting and simple to use for repetitive operations in difficult conditions

INTENS (p. 12)



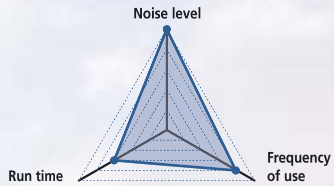
- equipment with long run time that can withstand extreme conditions, for daily professional use

TECHNIC (p. 14)



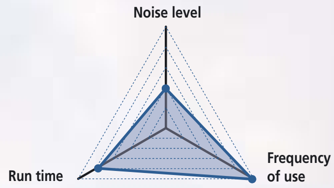
- top of the range equipment that is efficient and with low noise emissions, for a wide range of standard requirements

PRESTIGE (p. 16)



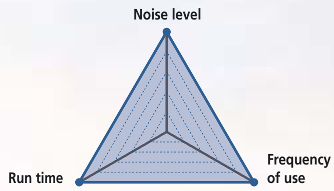
- both long run times and very long life for professional applications

DIESEL (p. 18)



- leading edge technology, designed for regular, intensive use, that is powerful and quiet

INDUSTRIAL (p. 20)



Naming convention: 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 genset 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	1.2	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	3.5	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

PERFORM 3000

PERFORM 4500

PERFORM 6500 C

PERFORM 5500 T

SINGLE-PHASE GENERATING SETS

Type		PERFORM 3000	PERFORM 4500	PERFORM 6500 C
Max power 230 V	kW ISO 8528	3.0	4.2	6.5
	kVA(1)	3.75	5.25	8.15
Engine	Brand	Kohler®	Kohler®	Kohler®
	Type	CH 270	CH 395	CH 440
	Oil level shutdown	•	•	•
	Electric start	X	X	X
	HP 3.600 rpm	6	8.5	11.9
	Run time in hr	3.2	3.5	2.8
	Tank in L	4.1	7.3	7.3
	EEC Noise level Lwa	**96**	**97**	**101**
	dB(A) @ 7 m	73	74	78
	Weight in Kg	43	66.5	96.5
Socket codes(2)		P1L	P1L	P1H

THREE-PHASE GENERATING SETS

Type			PERFORM 5500 T
Max power	3-ph 400 V	kW ISO 8528	4.5
		kVA(1)	5.6
	1-ph 230V	kW ISO 8528	2.3
Engine	Brand		Kohler®
	Type		CH 395
	Oil level shutdown		•
	Electric start		X
	HP 3.600 rpm		8.5
	Run time in hr		3.5
	Tank in L		7.3
	EEC Noise level Lwa		**97**
	dB(A) @ 7 m		74
	Weight in Kg		77.5
Socket codes(2)			P1J

X Not available. • Standard. (1) Theoretical value calculated for comparison purposes. (2) See table of sockets on page 39.

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 34 to 36 for the part numbers for these options.

SDMO FEATURE

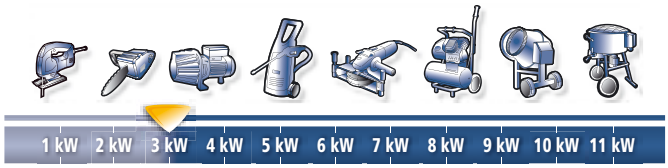
QUAD CLEAN™ cyclonic filter

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

- 3 kW - 3.75 kVA(1) - 230 V
- KOHLER® - CH 270 engine
- EEC Noise level Lwa
  96 Lwa / 73 dB(A) @ 7 m

Application*:
ideal for use with drills and winches.



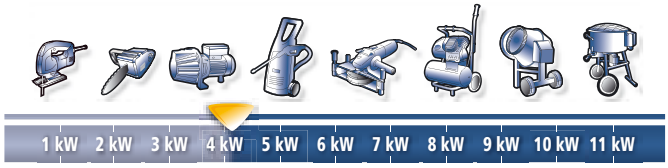
3 year guarantee

Lwa 96 / 73 dB(A) @ 7 m

PERFORM 4500 NEW

- 4.2 kW - 5.25 kVA(1) - 230 V
- KOHLER® - CH 395 engine
- EEC Noise level Lwa
  97 Lwa / 74 dB(A) @ 7 m

Application*:
ideal for use with pneumatic drills.



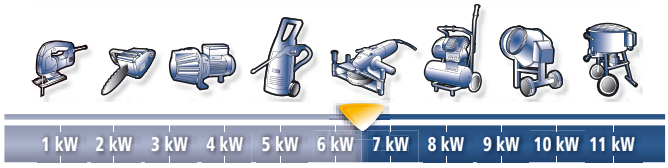
3 year guarantee

Lwa 97 / 74 dB(A) @ 7 m

PERFORM 6500 C NEW

- 6.5 kW - 8.15 kVA(1) - 230 V
- KOHLER® - CH 440 engine
- EEC Noise level Lwa
  101 Lwa / 78 dB(A) @ 7 m

Application*:
ideal for use with compressors.



3 year guarantee

*For information only.

INTENS
Exceptionally robust


HX 2500


HX 3000


HX 4000


HX 5000 T


HX 6000


HX 6080


HX 7500 T

SINGLE-PHASE GENERATING SETS

Type		HX 2500	HX 3000	HX 4000	HX 6000	HX 6080
Max power 230 V	kW ISO 8528	2.2	3.0	4.0	6.0	6.0
	kVA(1)	2.4	3.75	4.5	6.6	7.5
Engine	Brand	Honda®	Honda®	Honda®	Honda®	Honda®
	Type	GX 160	GX 200	GX 270	GX 390	GX 390
	Oil level shutdown	•	•	•	•	•
	Electric start	X	X	X	X	X
	HP 3.600 rpm	4.8	5.5	8	11	11
	Run time in hr	3.4	2.4	2.5	2.4	2.4
	Tank in L	3.1	3.1	5.3	6.1	6.1
	EEC Noise level Lwa	**94**	**95**	**97**	**97**	**97**
	dB(A) @ 7 m	71	72	74	74	74
	Weight in Kg	38	41	56	79	76
Socket codes(2)		P1L	P1L	P1L	P1H	P1H

THREE-PHASE GENERATING SETS

Type			HX 5000 T	HX 7500 T*
Max power	3-ph 400 V	kW ISO 8528	4.0	6.0
		kVA(1)	5.0	7.5
	1-ph 230V	kW ISO 8528	2.3	2.3
Engine	Brand		Honda®	Honda®
	Type		GX 270	GX 390
	Oil level shutdown		•	•
	Electric start		X	X
	HP 3.600 rpm		8	11
	Run time in hr		2.5	2.4
	Tank in L		5.3	6.1
	EEC Noise level Lwa		**97**	**97**
	dB(A) @ 7 m		74	74
	Weight in Kg		68	80
Socket codes(2)			P1J	P1J

X Not available. • Standard. (1) Theoretical value calculated for comparison purposes. (2) See table of sockets on page 39.

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

SDMO **Options**

Options available for this range depending on the model: trolley kit, RCCB, Quick'lock, manual changeover switch, loose cover, maintenance kit. See pages 34 to 36 for the part numbers for these options.

SDMO FEATURE

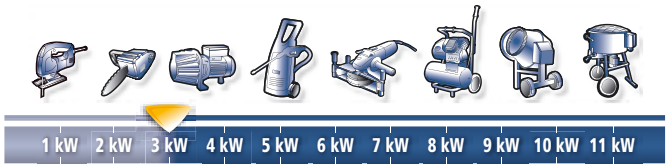
Conformity with European standards

All INTENS generating sets have HONDA® engines which have been selected for their high performance and suitability for both European and international markets.
The INTENS standard range complies with all European standards and directives.
The INTENS C range complies with EC directives and with Directive 97/68/EC relating to measures against the emission of gaseous and particulate pollutants from internal combustion engines to be installed in non road mobile machinery. Generator in this range do not however comply with the noise emission of outdoor equipment Directive 2000/14 EC.
The INTENS S range does not comply with European directives.

HX 3000

- 3 kW - 3.75 kVA(1) - 230 V
- HONDA® - GX 200 engine
- EEC Noise level Lwa
  95 Lwa / 72 dB(A) @ 7 m

Application*:
ideal for use with grinders.

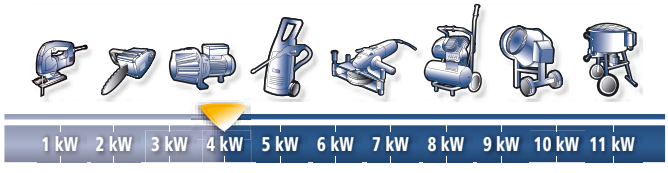


Ecologic
Lwa 95 / 72 dB(A) @ 7 m

HX 4000

- 4 kW - 4.5 kVA(1) - 230 V
- HONDA® - GX 270 engine
- EEC Noise level Lwa
  97 Lwa / 74 dB(A) @ 7 m

Application*:
ideal for use with pneumatic drills.



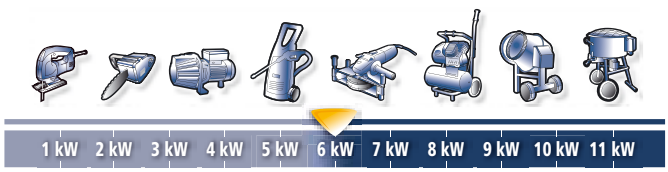
Ecologic
Lwa 97 / 74 dB(A) @ 7 m

SDMO FEATURE
Oversized alternator for reliable power.

HX 6080

- 6 kW - 7.5 kVA(1) - 230 V
- HONDA® - GX 390 engine
- EEC Noise level Lwa
  97 Lwa / 74 dB(A) @ 7 m

Application*:
ideal for use with welding sets.



Ecologic
Lwa 97 / 74 dB(A) @ 7 m

*For information only.

TECHNIC

Robust continuous operation no matter where you are

TECHNIC 3000

TECHNIC 4500 AVR

TECHNIC 5500 T

SH 6000 / 6080
SH 6000 E / 6080 E

SH 7500 T
SH 7500 TE

TECHNIC 6500 C

TECHNIC 7000 E AVR C
TECHNIC 7500 TE AVR C

TECHNIC 10000 E AVR C
TECHNIC 15000 TE AVR C

SINGLE-PHASE GENERATING SETS

Type		TECHNIC 3000*	TECHNIC 4500 AVR	SH 6000	SH 6000 E	SH 6080	SH 6080 E	TECHNIC 6500 C	TECHNIC 7000 E AVR C	TECHNIC 10000 E AVR C
Max power 230 V	kW ISO 8528	3.0	4.2	6.0	6.0	6.0	6.0	6.5	6.5	10.0
	kVA(1)	3.75	4.95	6.6	6.6	7.5	7.5	8.15	8.15	12.1
Engine	Brand	Kohler®	Kohler®	Honda®	Honda®	Honda®	Honda®	Kohler®	Kohler®	Kohler®
	Type	CH 270	CH 395	GX 390	GX 390	GX 390	GX 390	CH 440	CH 15	CH 640S
	Oil level shutdown	•	•	•	•	•	•	•	•	•
	Electric start	X	X	X	•	X	•	X	•	•
	HP 3.600 rpm	6	8.5	11	11	11	11	11.9	15	20
	Run time in hr	10	11.8	8	8	8	8	7.7	13.3	8.3
	Tank in L	13	20	20	20	20	20	20	35	35
	EEC Noise level Lwa	**96**	**97**	**97**	**97**	**97**	**97**	**101**	**101**	**101**
	dB(A) @ 7 m	73	74	74	74	74	74	78	78	78
	Weight in Kg	46	73.5	81	87	88	88	100	124	139
Socket codes(2)		P1M	P1M	P1H	P1H	P1H	P1H	P1H	P1W	P1B

THREE-PHASE GENERATING SETS

Type			TECHNIC 5500 T	SH 7500 T	SH 7500 TE	TECHNIC 7500 TE AVR C	TECHNIC 15000 TE AVR C
Max power	3-ph 400 V	kW ISO 8528	4.5	6.0	6.0	6.5	11.0
		kVA(1)	5.6	7.5	7.5	8.15	13.75
	1-ph 230V	kW ISO 8528	2.3	2.3	2.3	2.3	3.7
Engine	Brand		Kohler®	Honda®	Honda®	Kohler®	Kohler®
	Type		CH 395	GX 390	GX 390	CH 15	CH 640S
	Oil level shutdown		•	•	•	•	•
	Electric start		X	X	•	•	•
	HP 3.600 rpm		8.5	11	11	15	20
	Run time in hr		11.8	8	8	13.3	8.3
	Tank in L		20	20	20	35	35
	EEC Noise level Lwa		**97**	**97**	**97**	**101**	**101**
	dB(A) @ 7 m		74	74	74	78	78
	Weight in Kg		79	83	89	124	165
Socket codes(2)			P1I	P1I	P1I	P1X	P1E

X Not available. • Standard.

(1) Theoretical value calculated for comparison purposes.

(2) See table of sockets on page 39.

This generating set may be fitted with an IP54 alternator.

SDMO **Options**

Options available for this range depending on the model: trolley kit, RCCB, automatic controller, manual changeover switch, loose cover, maintenance kit. See pages 34 to 36 for the part numbers for these options.

SDMO FEATURE

KOHLER® engines + comprehensive equipment

TECHNIC generating sets with KOHLER® engines provide exceptional performance: proven robustness, low oil safety cut-off, auto-idle to save fuel consumption, easy tappet adjustment for low maintenance, etc.
The large fuel tank increases the run-time and the comprehensive connection interface makes the generating set easy to use.

TECHNIC 4500 AVR NEW

- 4.2 kW - 4.95 kVA(1) - 230 V
- KOHLER® - CH 395 engine
- EEC Noise level Lwa
  97 Lwa / 74 dB(A) @ 7 m

Application*:
ideal for use with jackhammers.

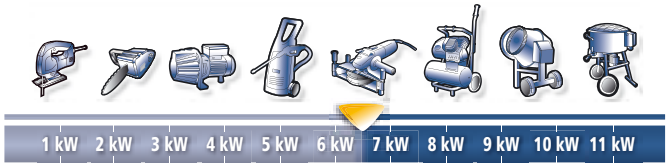
3 year guarantee

Lwa 97 / 74 dB(A) @ 7 m

TECHNIC 7000 E AVR C NEW

- 6.5 kW - 8.15 kVA(1) - 230 V
- KOHLER® - CH 15 engine
- EEC Noise level Lwa
  101 Lwa / 78 dB(A) @ 7 m

Application*:
ideal for use with air compressors or high pressure cleaners.

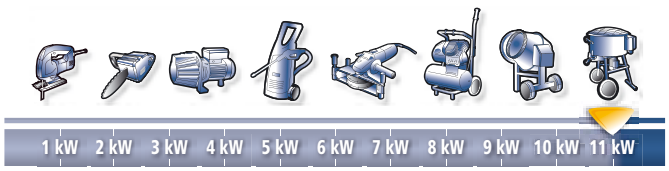


3 year guarantee

TECHNIC 15000 TE AVR C NEW

- 11 kW - 13.75 kVA(1) - 400 V
- KOHLER® - CH 640S engine
- EEC Noise level Lwa
  101 Lwa / 78 dB(A) @ 7 m

Application*:
ideal for use with plaster pumps.



SDMO FEATURE

Auto-idle: reduces fuel consumption by around 50% and reduces noise by a factor of 4.

3 year guarantee

*For information only.

PRESTIGE

Silent efficiency

ALIZÉ® 3000

ALIZÉ® 6000 E

ALIZÉ® 7500 TE

SINGLE-PHASE GENERATING SETS

Type		ALIZÉ® 3000	ALIZÉ® 6000 E
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	**94**	**91**
	dB(A) @ 7 m	71	68
	Weight in Kg	46	130
Socket codes(2)		P1L	P1P

THREE-PHASE GENERATING SETS

Type			ALIZÉ® 7500 TE
Max power	3-ph 400 V	kW ISO 8528	5.6
		kVA(1)	6.6
	1-ph 230V	kW ISO 8528	2.3
Engine	Brand		Honda®
	Type		GX 390
	Oil level shutdown		•
	Electric start		•
	HP 3.600 rpm		11
	Run time in hr		9.6
	Tank in L		24
	EEC Noise level Lwa		**91**
	dB(A) @ 7 m		68
	Weight in Kg		132
Socket codes(2)			P1Q

X Not available. • Standard. (1) Theoretical value calculated for comparison purposes. (2) See table of sockets on page 39.

SDMO **Options**

Options available for this range depending on the model: trolley kit, RCCB, automatic controller, manual changeover switch, loose cover. See pages 34 to 36 for the part numbers for these options.

SDMO FEATURE

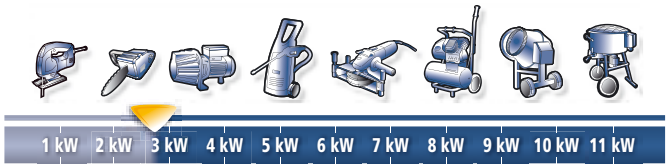
Multipurpose and unobtrusive

Generating sets that are used near people during night-time construction work or in residential areas are required to be more and more quiet.
ALIZE® 6000 E and 7500 TE generating sets have an integral compact, highly effective sound insulating cover to comply with these requirements and are mobile and easy to use with a complete range of equipment.

ALIZÉ® 3000

- 2.8 kW - 3.5 kVA(1) - 230 V
- HONDA® GX 200 engine
- EEC Noise level Lwa
  94 Lwa / 71 dB(A) @ 7 m

Application*:
ideal for use with hot air guns.

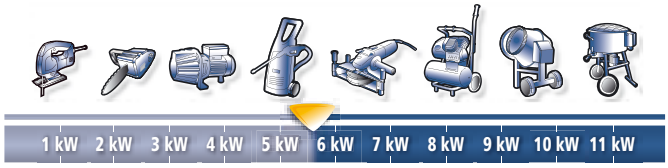


Lwa 94 / 71 dB(A) @ 7 m
Environment

ALIZÉ® 6000 E

- 5.6 kW - 6.05 kVA(1) - 230 V
- HONDA® GX 390 engine
- EEC Noise level Lwa
  91 Lwa / 68 dB(A) @ 7 m

Application*:
ideal for use with professional electric ovens.

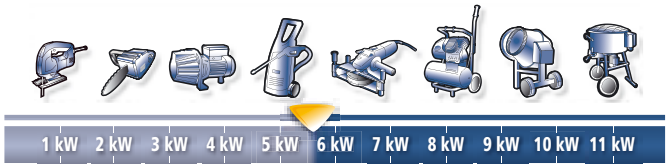


Lwa 91 / 68 dB(A) @ 7 m
Environment

ALIZÉ® 7500 TE

- 5.6 kW - 6.6 kVA(1) - 400 V
- HONDA® GX 390 engine
- EEC Noise level Lwa
  91 Lwa / 68 dB(A) @ 7 m

Application*:
ideal for refrigerated display units.



Lwa 91 / 68 dB(A) @ 7 m
Environment

*For information only.

DIESEL

Durable with an extended continuous run time

DIESEL 4000 C

DIESEL 4000 E XL C

DIESEL 6000 E XL C
DIESEL 6500 TE XL C

DX 6000 E XL C
DX 6000 TE XL C

SD 6000 E XL
SD 6000 TE XL

DIESEL 10000 E XL C
DIESEL 15000 TE XL C

SINGLE-PHASE GENERATING SETS

Type		DIESEL 4000 C	DIESEL 4000 E XL C	DIESEL 6000 E XL C	DX 6000 E XL C	SD 6000 E XL[3]	DIESEL 10000 E XL C
Max power 230 V	kW ISO 8528	3.4	3.4	5.2	5.2	5.2	9.0
	kVA[1]	4.25	4.25	6.5	6.5	6.5	11.25
Engine	Brand	Kohler® Diesel	Kohler® Diesel	Kohler® Diesel	Yanmar®	Yanmar®	Kohler® Diesel
	Type	KD 350	KD 350	KD 440	L100	L100	KD 425-2
	Oil level shutdown	x	•	•	•	•	•
	Electric start	x	•	•	•	•	•
	HP 3.600 rpm	7	7	9.8	10	10	19
	Run time in hr	4.8	17.8	13.3	9.2	20	16.5
	Tank in L	4.3	16	16	12	26	35
	EEC Noise level Lwa	**108**	**108**	**108**	**106**	**95**	**109**
	dB(A) @ 7 m	85	85	85	83	72	86
	Weight in Kg	70	84	103	105	177.5	162
Socket codes[2]		P1L	P1L	P1H	P1H	P1D	P1B

THREE-PHASE GENERATING SETS

Type			DIESEL 6500 TE XL C	DX 6000 TE XL C	SD 6000 TE XL[3]	DIESEL 15000 TE XL C
Max power	3-ph 400 V	kW ISO 8528	5.2	5.2	5.2	10.0
		kVA[1]	6.5	6.5	6.5	12.5
	1-ph 230V	kW ISO 8528	2.3	2.3	2.3	3.7
Engine	Brand		Kohler® Diesel	Yanmar®	Yanmar®	Kohler® Diesel
	Type		KD 440	L 100	L 100	KD 425-2
	Oil level shutdown		•	•	•	•
	Electric start		•	•	•	•
	HP 3.600 rpm		9.8	10	10	19
	Run time in hr		13.3	9.2	20	16.7
	Tank in L		16	12	26	35
	EEC Noise level Lwa		**108**	**106**	**95**	**109**
	dB(A) @ 7 m		85	83	72	86
	Weight in Kg		108	106	168.5	169
Socket codes[2]			P1J	P1J	P1G	P1E

x Not available. • Standard.

(1) Theoretical value calculated for comparison purposes.

(2) See table of sockets on page 39.

(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 34 to 36 for the part numbers for these options.

SDMO FEATURE

MICS MODYS - SD 6000 E

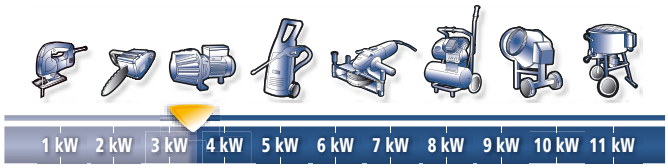
Long run-time, easy to use and safe: the requirements for peace of mind

The XL models in the DIESEL range have a very large fuel tank to provide exceptional run time.
For even greater ease of use, the engine oil cut-out stops the engine or prevents the engine starting if the oil pressure is insufficient (DIESEL 10000 E XL C and 15000 TE XL C generating sets) or the oil level if too low (DIESEL SD 6000 E XL, 4000 E XL C, 6000 E XL C and 6500 TE XL C generating sets). The Modys control panel fitted to the SD 6000 E XL has an oil light.

DIESEL 4000 E XL C

- 3.4 kW - 4.25 kVA(1) - 230 V
- KOHLER® DIESEL - KD 350 engine
- EEC Noise level Lwa
  108 Lwa / 85 dB(A) @ 7 m

Application*:
ideal for use with log splitters.

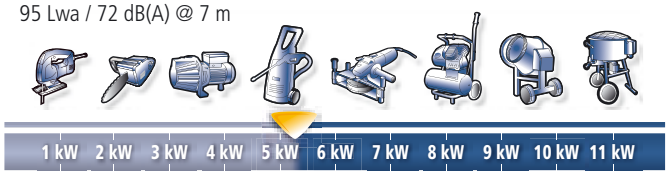


3 year guarantee

SD 6000 E XL

- 5.2 kW - 6.5 kVA(1) - 230 V
- YANMAR® DIESEL engine
  OHV - KD 440
- EEC Noise level Lwa
  95 Lwa / 72 dB(A) @ 7 m

Application*:
ideal for use with air compressors.

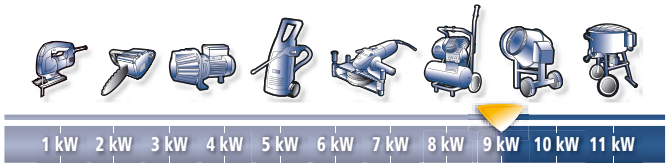


Lwa 95 / 72 dB(A) @ 7 m

DIESEL 10000 E XL C

- 9 kW - 11.25 kVA(1) - 230 V
- KOHLER® DIESEL - KD 425-2 engine
- EEC Noise level Lwa
  109 Lwa / 86 dB(A) @ 7 m

Application*:
ideal for use with high pressure cleaners.



3 year guarantee

*For information only.

INDUSTRIAL

When you need the best performance


XP-T6KM-ALIZÉ®


XP-T8HKM-ALIZÉ®


XP-T9KM-ALIZÉ®


XP-T9HK-ALIZÉ®


XP-T12K-ALIZÉ®


XP-T12HK-ALIZÉ®


XP-T15HK-ALIZÉ®


XP-T16K-ALIZÉ®

SINGLE-PHASE GENERATING SETS

Type		XP-T6KM-ALIZÉ®(4)	XP-T8HKM-ALIZÉ®(4)	XP-T9KM-ALIZÉ®(4)
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
	Tank in L	50	50	50
	EEC Noise level Lwa	**86**	**94**	**86**
	dB(A) @ 7 m	59	68	60
	Weight in Kg	390	340	544
Socket codes(2)		P1C	P1C	P1C

THREE-PHASE GENERATING SETS

Type			XP-T9HK-ALIZE®(4)	XP-T12K-ALIZE®(4)	XP-T12HK-ALIZE®(4)	XP-T15HK-ALIZE®(4)	XP-T16K-ALIZE®(4)
Max power	3-ph 400 V	kW ISO 8528	7.2	9.2	9.6	12.0	12.8
		kVA(1)	9.0	11.5	12.0	15.0	16.0
Engine	Brand		Mitsubishi® Diesel	Mitsubishi® Diesel	Mitsubishi® Diesel	Mitsubishi® Diesel	Mitsubishi® Diesel
	Type		L2E-SDH	S3L2-SD	L3E-SDH	L3E-SDH	S4L2-SD
	Oil level shutdown		•	•	•	•	•
	Electric start		•	•	•	•	•
	Run time in hr		19.2	20	11.9	11.9	14.7
	Tank in L		50	50	50	50	50
	EEC Noise level Lwa		**94**	**86**	**95**	**96**	**87**
	dB(A) @ 7 m		68	60	69	71	61
	Weight in Kg		360	535	380	442	554
Socket codes(2)			P1F	P1V	P1V	P1V	P1V

• Standard. (1) Theoretical value calculated for comparison purposes. (2) See table of sockets on page 39. (4) MICS NEXYS.
M = single-phase (ex = XP-T9KM-Alizé®) H = 3,000 rpm (ex = XP-T15HK-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 34 to 36 for the part numbers for these options.

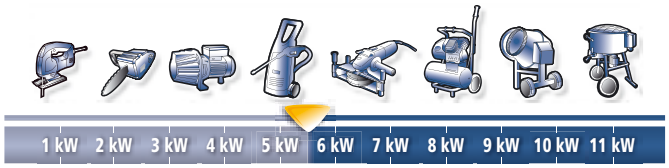
SDMO FEATURE

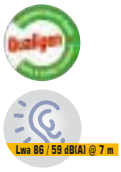
The NEXYS control unit, the last word in controllers

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

XP-T6KM-ALIZÉ®

- 5.5 kW - 6 kVA(1) - 230 V
- MITSUBISHI® DIESEL L3E-SD 1.500 rpm engine
- EEC Noise level Lwa 86 Lwa / 59 dB(A) @ 7 m

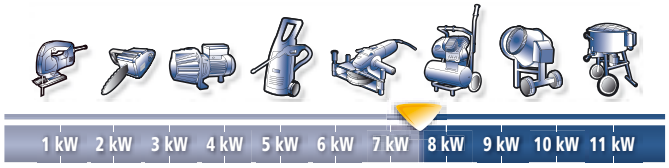




Application*: ideal for supplying several appliances at the same time.

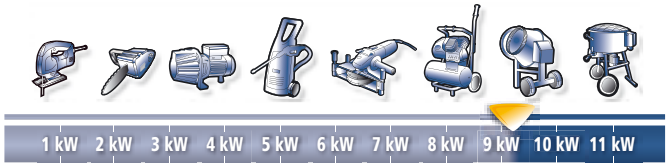
XP-T8HKM-ALIZÉ®

- 7.5 kW - 9.35 kVA(1) - 230 V
- MITSUBISHI® DIESEL L2E-SDH 3.000 rpm engine
- EEC Noise level Lwa 94 Lwa / 68 dB(A) @ 7 m



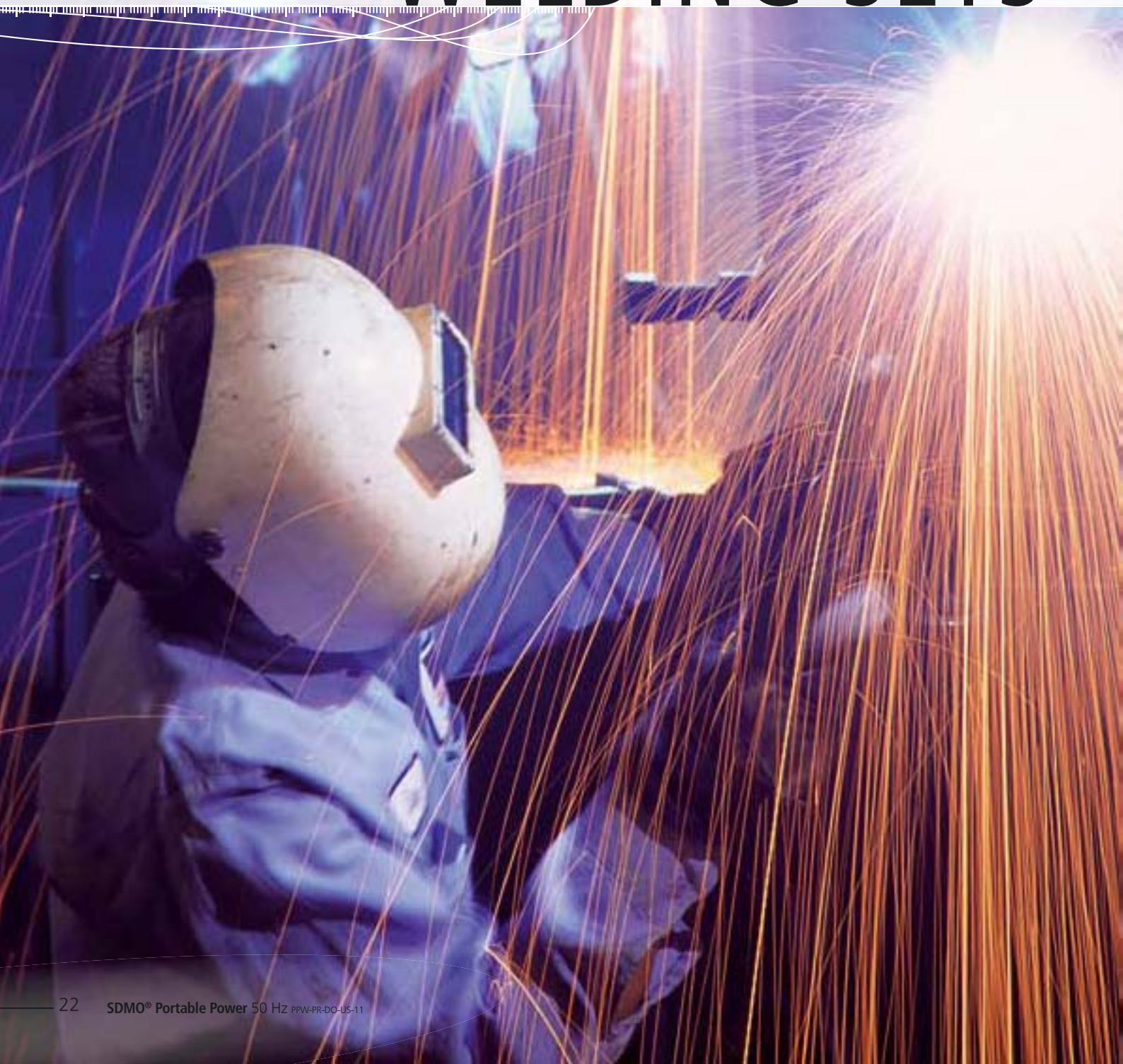
XP-T12K-ALIZÉ®

- 9.2 kW - 11.5 kVA(1) - 400 V
- MITSUBISHI® DIESEL S3L2-SD engine 1.500 rpm engine
- EEC Noise level Lwa 86 Lwa / 60 dB(A) @ 7 m



*For information only.

WELDING SETS



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.

With the standard integration of the Kohler engines in the WELDARC 300 TE and WELDARC 300 TDE, these welding sets offer technological expertise that brings together power and performance, safety and robustness with reduced maintenance and operating costs.

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. The Diesel versions are particularly suited to intensive use, with their continuous run time extending to almost double that of the petrol versions.

Two special ranges to suit the intensity of use.

- The WELDARC INTENS range provides a 2 in 1 generating set + welding set system that is powerful and suitable for normal use.
- The WELDARC DIESEL range provides a 2 in 1 generating set + welding set system, with a run-time that can be twice that of petrol models. It is ideal for intensive use.

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 top security technical assembly. 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

WELDARC 200 E XL C

WELDARC 220 TE XL C

VX 200/4 H

VX 220/7,5 H

WELDARC 300 TE XL C

WELDARC DIESEL

VX 180/4 DE XL C

WELDARC 180 DE C

WELDARC 300 TDE XL C

WELDARC INTENS WELDING SETS

Type		WELDARC 200 E XL C	VX 200/4H	WELDARC 220 TE XL C	VX 220/7,5H	WELDARC 300 TE XL C
Engine	Brand	Kohler®	Honda®	Kohler®	Honda®	Kohler®
	Type	CH 15	GX 390	CH 15	GX 390	CH 640S
	Run time in hr	12.1	2.4	12.1	2.4	9.2
Auxiliary sources	230 V kW ISO 8528	4.0	4.0	-	3.5	3.0
	400 V kVA(1)	-	-	7.15	7.15	8.8
Welding rate	60% (intensive)	170 A	170 A	170 A	170 A	250 A
	35 % (normal)	200 A	200 A	200 A	200 A	300 A
Rods	Min/max Ø in mm	1.6-4	1.6-4	1.6-4	1.6-4	1.6-5
	EEC Noise level Lwa	**101**	**97**	**101**	**97**	**101**
	dB(A) @ 7 m	78	74	78	74	78
	Weight in Kg	111	87	112	88	152
Socket codes(2)		P1L	P1L	P1J	P1J	P1K

WELDARC DIESEL WELDING SETS

Type		VX 180/4 DE XL C	WELDARC 180 DE C	WELDARC 300 TDE XL C
Engine	Brand	Yanmar®	Kohler® Diesel	Kohler® Diesel
	Type	L 100	KD 440	KD 425-2
	Run time in hr	9.2	4.2	20.6
Auxiliary sources	230 V kW ISO 8528	4.0	4.0	3.0
	400 V kVA(1)	-	-	8.8
Welding rate	60% (intensive)	145 A	145 A	250 A
	35 % (normal)	180 A	180 A	300 A
Rods	Min/max Ø in mm	1.6-4	1.6-4	1.6-5
	EEC Noise level Lwa	**106**	**108**	**109**
	dB(A) @ 7 m	83	85	86
	Weight in Kg	118	100	175
Socket codes(2)		P1L	P1L	P1K

(1) Theoretical value calculated for comparison purposes.

(2) See table of sockets on page 39.

SDMO **Options**

Options available for this range depending on the model: trolley kit, RCCB, maintenance kit, loose cover, welding kit. See pages 34 to 36 for the part numbers for these options.

SDMO FEATURE

KOHLER® savoir-faire at your service

The KOHLER® CH 640 engine is renowned for its performance and robustness that have been widely proven in agriculture, industry and marine use. It is fitted to WELDARC 180 DE C, 200 E XL C, 300 TE XL C and 300 TDE XL C welding sets. This engine offers the ergonomics of electric starter, the safety of engine shut down in the event of low oil pressure and extended service intervals thanks to its automatic valve clearance adjustment. The KOHLER® CH 640's auto-idle reduces fuel consumption. All equipment with KOHLER® engines is guaranteed for 3 years.

VX 220/7,5 H

- HONDA® - GX 390 engine
- Welding rate:
  Intensive (60%): 170 Amp.
  Normal (35 %): 200 Amp.
- Min./Max. Ø rod 1.6/4 mm
- Auxiliary output:
  7.15 kVA(1) - 400 V (with circuit breaker)
- EEC Noise level Lwa
  97 Lwa / 74 dB(A) @ 7 m
- Tool tray included

100 Amp. | 150 Amp. | 200 Amp. | 250 Amp. | 300 Amp. | 350 Amp.

Lwa 97 / 74 dB(A) @ 7 m

WELDARC 300 TE XL C

- KOHLER® CH 640S engine
- Welding rate:
  Intensive (60%): 250 Amp.
  Normal (35 %): 300 Amp.
- Min./Max. Ø rod 1.6/5 mm
- Auxiliary output:
  8.8 kVA(1) - 400 V (with circuit breaker)
- EEC Noise level Lwa
  101 Lwa / 78 dB(A) @ 7 m

100 Amp. | 150 Amp. | 200 Amp. | 250 Amp. | 300 Amp. | 350 Amp.

3 year guarantee

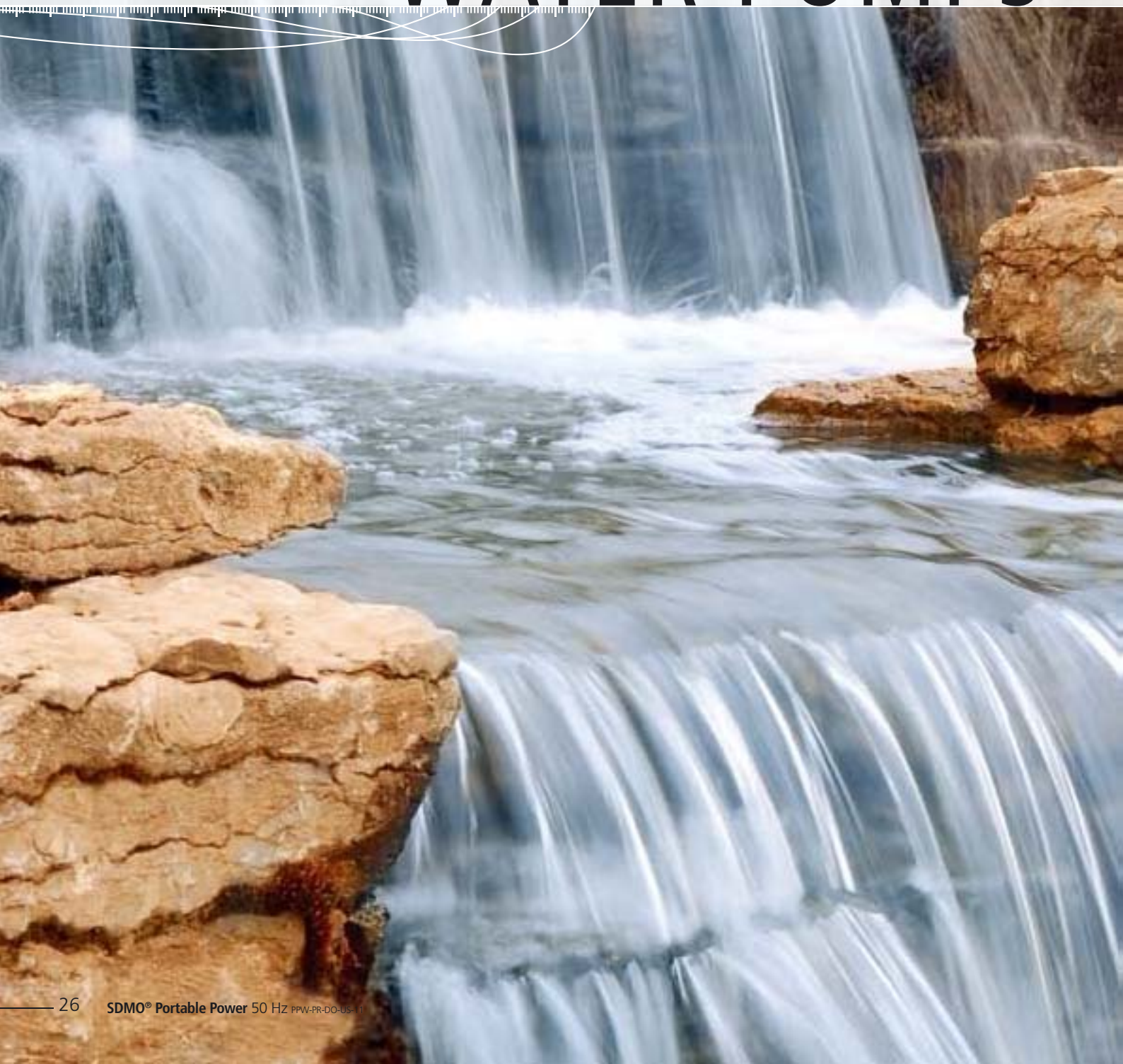
WELDARC 180 DE C

- KOHLER® DIESEL - KD 440 engine
- Welding rate:
  Intensive (60%): 145 Amp.
  Normal (35 %): 180 Amp.
- Min./Max. Ø rod 1.6/4 mm
- Auxiliary output:
  4 kVA(1) - 400 V (with circuit breaker)
- EEC Noise level Lwa
  108 Lwa / 85 dB(A) @ 7 m
- Tool tray included

100 Amp. | 150 Amp. | 200 Amp. | 250 Amp. | 300 Amp. | 350 Amp.

3 year guarantee

WATER PUMPS



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.

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 equired 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 axle of the pump. The laws of physics dictate that this cannot exceed 8m.

The discharge height

This is the difference in height between the axle 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 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.

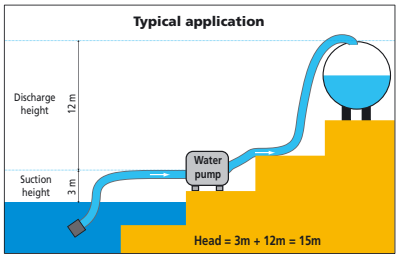
TECHNICAL CHARACTERISTICS

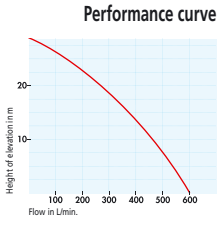
Model	AQUALINE™ INTENS				AQUALINE™ SPECIALIST			
	ST 2.36 H	ST 3.60 H	TR 2.36 H	TR 3.60 H	HP 2.26 H	XC 2.34 H	XT 3.78 H	TRASH 4
Helix	Graphite cast iron	Graphite cast iron	Graphite cast iron	Graphite cast iron	Graphite cast iron	PET*	Graphite cast iron	Graphite cast iron
Impeller	Cast iron	Cast iron	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 * **P**oly**E**thylene **T**erephtalate

Silicon carbide: higher abrasion resistance, lasts longer, low maintenance.

Graphite cast iron: harder, more resistant, too particulate abrasion when taking in water.





Height of elevation = suction height + height of lift + head loss

AQUALINE™ INTENS

Designed for water with low solid content

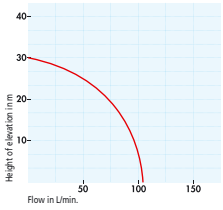
CLEAR 1

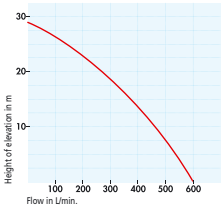
ST 2.36 H

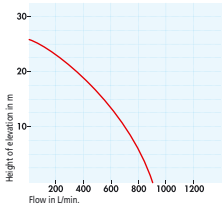
ST 3.60 H

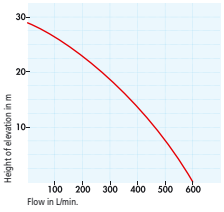
TR 2.36 H

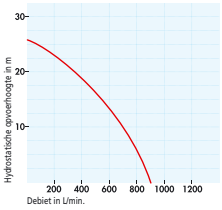
TR 3.60 H











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 m³/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	82	80	82	80	82
	Weight in Kg	4.9	23	29	23	29

SDMO **Options**

Options available for this range depending on the model: loose cover, hose kit, quick connectors. See page 37 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.

1 m³/h | 10 m³/h | 20 m³/h | 30 m³/h | 40 m³/h | 50 m³/h | 60 m³/h | 70 m³/h | 80 m³/h | 90 m³/h

Automatic Priming

Graphite cost iron impeller

Carbon / ceramic mechanical seal

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.

1 m³/h | 10 m³/h | 20 m³/h | 30 m³/h | 40 m³/h | 50 m³/h | 60 m³/h | 70 m³/h | 80 m³/h | 90 m³/h

Automatic Priming

Graphite cost iron impeller

Carbon / ceramic mechanical seal

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.

1 m³/h | 10 m³/h | 20 m³/h | 30 m³/h | 40 m³/h | 50 m³/h | 60 m³/h | 70 m³/h | 80 m³/h | 90 m³/h

Automatic Priming

Graphite cost iron impeller

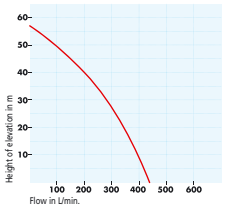
Silicon carbide mechanical seal

*Given for information only.

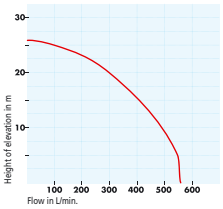
AQUALINE™ SPECIALIST

High performance under extreme conditions

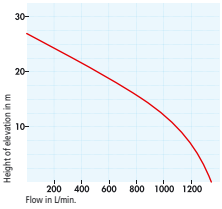
HP 2.26 H



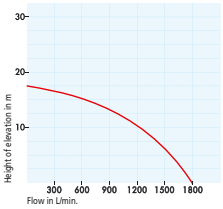
XC 2.34 H



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	85	80	87	85
	Weight in Kg	30	22	58	90

SDMO **Options**

Options available for this range depending on the model: loose cover, hose kit, quick connectors. See page 37 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. 37), 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.

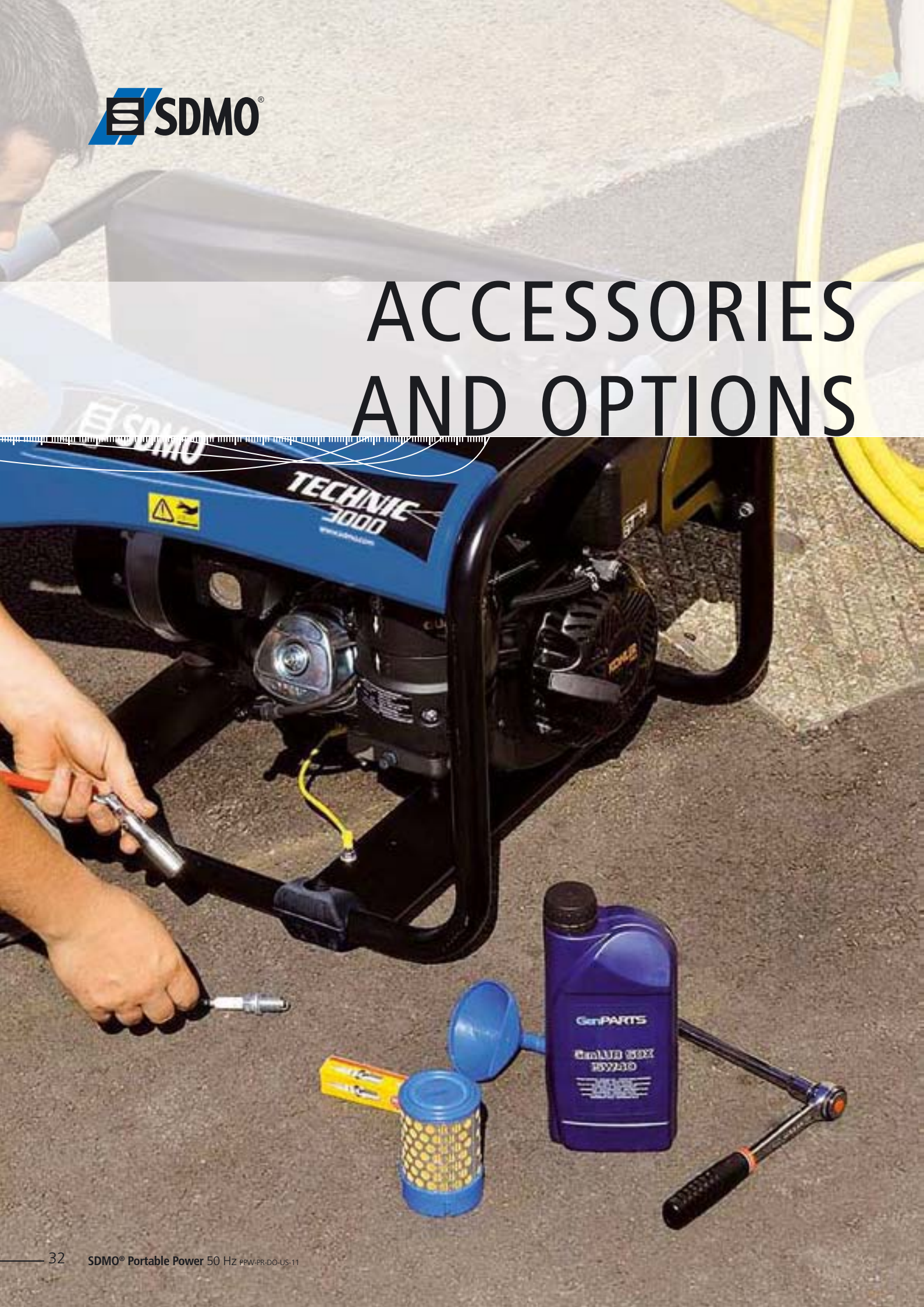
XT 3.78 H

- 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 sets**

Accessories supplied as standard

For commissioning

Funnel (except PRESTIGE, DIESEL and INDUSTRIAL ranges).

For handling

Trolley kit: 4 wheels mounted on the chassis for the Alizé® 6000 E and Alizé® 7500 TE.

For maintenance

Illustrated user and maintenance manual in 20 languages.

For storage

Tool tray.

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 sets** (cont)

Ex works options only

For generating sets For welding sets

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)*

Remote control panel

Ref. CM308

Separate unit with stop/start button and power and generating set fault indicator light. Supplied without cable.

Hours counter

Mechanical hours counter included in the **R01**, **R02** and **R03** RCCBs.

Differential boxes

Ref. R01/R02/R03

Unit including RCCB and hours counter.
For earthed neutral (TN, TT) systems.

The **R01** is factory fitted in the place of the **RKD1** (excluding TECHNIC range).

The **R03** has a thermal trip.

Ref. R01

Ref. R02B/R03B

Unit with three phase 4-pole RCCB (**R03B**) and single phase 2-pole RCCB (**R02B**). The unit is factory fitted in the place of the **RKD1** for the TECHNIC range.

Ref. R02B

Ref. R02B/R03B

Road trailers

Ref. R08B

Lightweight road trailer with fixed tongue for occasional use for the INDUSTRIAL range (PGVW up to 750 kg with registration).
Net weight: 200 kg.
Overall dimensions: 2915 x 1546 x 1531 mm.
Optional articulated tiller (ask us for details).

Ref. R08D

Lightweight, steered and braked road trailer
(maximum laden weight 1000 kg with registration).
Net weight: 190 kg.
Overall dimensions: 3390 x 1520 x 1170 mm.

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

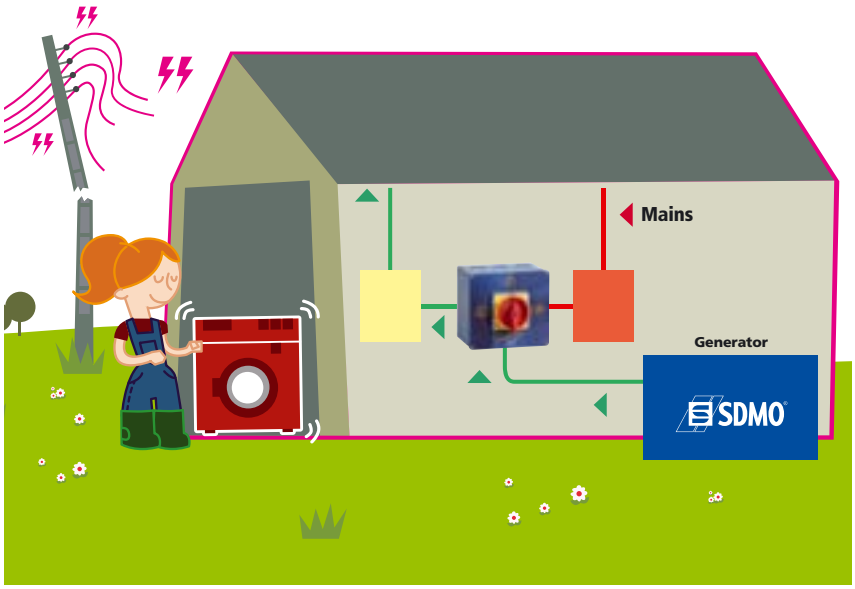
Options supplied separately

For generating sets For welding sets

Manual transfer switch

Ref. R05M

The manual changeover switch is used to connected and disconnect a generating set manually to a domestic circuit when there is a power cut. If the mains supply fails, the generating set can be started manually and the control unit can be set to auxiliary source to supply all the electrical appliances in the home.



Cover

Ref. RHO/RH1/RH2

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

Bottles of oil

Ref. RBH0,5/RBH1

Box of 24 0.5 l. Bottles of oil or 20 1l. cans of oil (SAE 15W40).

Storage box

Ref. RBAC

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

"Quick'lock" reel

Ref. R15/R25

Specially designed to fit your SDMO® generating set, these reels facilitate total freedom of movement thanks to their 20m cable (R15 = 3 x 1.5² H07-RNF et R25 = 3 x 2.5² H07-RNF). They are fitted with a 30 mA RCCB and thermal trip included in the spooler to ensure user safety.
Available for all generating sets in the INTENS range.

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

Options supplied separately

■ For generating sets ■ For welding sets

Trolley kits

■ **Ref. R06**
Trolley kit for 2 and 3 kW generating sets. With 1 handle and puncture proof tyres (diameter 187 mm).

■ ■ **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.*

■ **Ref. RMS**
Commissioning consists of: verifying compliance of the installation, checking fluid levels, starting the generating set, carrying out no-load and load tests, teaching the customer about care and maintenance of the generating set. Both the technician and the customer confirm acceptance of the commissioning process.

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.

Set of male plug

■ ■ **Ref. RPM**
Male plugs for all models made up of: 2x16A/230V, CEE17: 1x16A/230V, 1x32A/230V and 1x16A/400V.

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.

Cans of oil

Ref. RBH0,5/RBH1
Box of 24 0.5 l. bottles of oil or 20 1l. cans of oil (SAE 15W40).

Quick release connectors

Ref. R13/R14
Quick release connections kit for 2"and 3" water pumps*.

**Supplied as standard with the 4" 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.

Technical characteristics - **Generating sets**

SINGLE-PHASE GENERATING SETS

Range	50 Hz				Engine							Alternator				Options[3]									Socket codes[2]	C Range	S Range
	Type	Qualigen	Max power 230 V kW ISO 8528	Max power 230 V kVA[1]	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	Quick'lock	Automatic transfer switch	Remote control panel	Manual transfer switch	Cover	Maintenance kit	Storage box			
PERFORM	PERFORM 3000	Yes	3.0	3.75	Kohler®	CH 270	•	X	6	3.2	4.1	•	**96**	73	65 x 51 x 46	43	RKB1	RKD1	X	X	X	R05M	RHO	RKS1	RBAC	P1L	X	X
	PERFORM 4500	Yes	4.2	5.25	Kohler®	CH 395	•	X	8.5	3.5	7.3	•	**97**	74	81 x 55.5 x 59	66.5	RKB1	RKD1	X	X	X	R05M	RH1	X	RBAC	P1L	X	X
	PERFORM 6500 C	No	6.5	8.15	Kohler®	CH 440	•	X	11.9	2.8	7.3	•	**101**	78	81 x 55.5 x 59	96.5	RKB1	R02	X	X	X	X	RH1	X	RBAC	P1H	X	X
INTENS	HX 2500	Yes	2.2	2.4	Honda®	GX 160	•	X	4.8	3.4	3.1	•	**94**	71	59 x 46 x 43	38	R06	RKD1	R15	X	X	R05M	RHO	R18	X	P1L	X	X
	HX 3000	Yes	3.0	3.75	Honda®	GX 200	•	X	5.5	2.4	3.1	•	**95**	72	59 x 46 x 43	41	R06	RKD1	R15	X	X	R05M	RHO	R18	X	P1L	Δ	Δ
	HX 4000	Yes	4.0	4.5	Honda®	GX 270	•	X	8	2.5	5.3	•	**97**	74	71.5 x 57 x 49	56	R07	RKD1	R25	X	X	R05M	RH1	R19	X	P1L	Δ	Δ
	HX 6000	Yes	6.0	6.6	Honda®	GX 390	•	X	11	2.4	6.1	•	**97**	74	77 x 57 x 59	79	R07	R02	X	X	X	R05M	RH1	R19	X	P1H	Δ	Δ
	HX 6080	Yes	6.0	7.5	Honda®	GX 390	•	x	11	2.4	6.1	•	**97**	74	77 x 57 x 59	76	R07	R02	X	X	X	R05M	RH1	R19	X	P1H	Δ	Δ
TECHNIC	TECHNIC 3000*	Yes	3.0	3.75	Kohler®	CH 270	•	X	6	10	13	•	**96**	73	65 x 51 x 46	46	RKB1	RKD1	X	X	X	R05M	RHO	RKS1	X	P1M	X	X
	TECHNIC 4500 AVR	Yes	4.2	4.95	Kohler®	CH 395	•	X	8.5	11.8	20	•	**97**	74	81 x 55.5 x 59	73.5	RKB1	RKD1	X	X	X	X	RH1	X	X	P1M	X	X
	SH 6000	Yes	6.0	6.6	Honda®	GX 390	•	X	11	8	20	•	**97**	74	77 x 57 x 59	81	R07	R02	X	X	X	R05M	RH1	R19	X	P1H	Δ	Δ
	SH 6000 E	Yes	6.0	6.6	Honda®	GX 390	•	•	11	8	20	•	**97**	74	77 x 57 x 59	87	R07	R02	X	R05A		R05M	RH1	R19	X	P1H	X	Δ
	SH 6080	Yes	6.0	7.5	Honda®	GX 390	•	X	11	8	20	•	**97**	74	77 x 57 x 59	88	R07	R02	X	X	X	R05M	RH1	R19	X	P1H	Δ	Δ
	SH 6080 E	Yes	6.0	7.5	Honda®	GX 390	•	•	11	8	20	•	**97**	74	77 x 57 x 59	88	R07	R02	X	R05A		R05M	RH1	R19	X	P1H	Δ	Δ
	TECHNIC 6500 C	No	6.5	8.15	Kohler®	CH 440	•	X	11.9	7.7	20	•	**101**	78	81 x 55.5 x 59	100	RKB1	R02B	X	X	X	R05M	RH1	X	X	P1H	X	X
	TECHNIC 7000 E AVR C	No	6.5	8.15	Kohler®	CH 15	•	•	15	13.3	35	•	**101**	78	89.5 x 57 x 77	124	RKB2	R02B	X	R05A		R05M	RH2	X	X	P1W	X	X
	TECHNIC 10000 E AVR C	No	10.0	12.1	Kohler®	CH 640S	•	•	20	8.3	35	•	**101**	78	89.5 x 57 x 77	139	RKB2	R02B	X	R05A		R05M	RH2	X	X	P1B	X	X
PRESTIGE	ALIZÉ® 3000	Yes	2.8	3.5	Honda®	GX 200	•	X	5.5	9.2	12	•	**94**	71	57 x 45 x 46	46	R06	RKD1	X	X	X	R05M	RHO	X	X	P1L	X	X
	ALIZÉ® 6000 E	Yes	5.6	6.05	Honda®	GX 390	•	•	11	9.6	24	•	**91**	68	78 x 59 x 75.5	130	•*	R02B	X	X	X	R05M	X	X	X	P1P	X	X
DIESEL	DIESEL 4000 C	No	3.4	4.25	Kohler® Diesel	KD 350	X	X	7	4.8	4.3	•	**108**	85	81 x 55.5 x 59	70	RKB1	RKD1	X	X	X	R05M	RH1	X	RBAC	P1L	X	X
	DIESEL 4000 E XL C	No	3.4	4.25	Kohler® Diesel	KD 350	•	•	7	17.8	16	•	**108**	85	81 x 55.5 x 59	84	RKB1	RKD1	X	R05A		R05M	RH1	X	RBAC	P1L	X	X
	DIESEL 6000 E XL C	No	5.2	6.5	Kohler® Diesel	KD 440	•	•	9.8	13.3	16	•	**108**	85	81 x 55.5 x 59	103	RKB1	R02	X	R05A		R05M	RH1	X	RBAC	P1H	X	X
	DX 6000 E XL C	No	5.2	6.5	Yanmar®	L100	•	•	10	9.2	12	•	**106**	83	87 x 57 x 55.5	105	R07	R02	X	R05A		R05M	X	X	X	P1H	X	X
	SD 6000 E XL[5]	Yes	5.2	6.5	Yanmar®	L100	•	•	10	20	26	•	**95**	72	95.1 x 79 x 112.5	177.5	R07C	R02B	X	R05A		R05M			X	P1D	X	X
	DIESEL 10000 E XL C	No	9.0	11.25	Kohler® Diesel	KD 425-2	•	•	19	16.5	35	•	**109**	86	89.5 x 57 x 77	162	RKB2	R02B	X	R05A		R05M	RH2	X	X	P1B	X	X
INDUSTRIAL	XP-T6KM-ALIZÉ®[4]	Yes	5.5	6.0	Mitsubishi® Diesel	L3E-SD	•	•	X	29.4	50	•	**86**	59	150 x 76 x 103	390	R08B	•	X	VERSO M	CM308	R05M	X	RMS	X	P1C	X	X
	XP-T8HKM-ALIZÉ®[4]	Yes	7.5	9.35	Mitsubishi® Diesel	L2E-SDH	•	•	X	19.2	50	•	**94**	68	150 x 76 x 103	340	R08B	•	X	VERSO M	CM308	R05M	X	RMS	X	P1C	X	X
	XP-T9KM-ALIZÉ®[4]	Yes	8.6	10.75	Mitsubishi® Diesel	S3L2-SD	•	•	X	20	50	•	**86**	60	175 x 77.5 x 123	544	R08D	•	X	VERSO M	CM308	R05M	X	RMS	X	P1C	X	X

THREE-PHASE GENERATING SETS

Range	50 Hz					Engine						Alternator					Options[3]							Socket codes[2]	C Range	S Range
	Type	Qualigen	Max power 3-ph 400 V kW ISO 8528	Max power 3-ph 400 V kVA[1]	Max power 1-ph 230 V kW ISO 8528	Brand	Type	Oil level shutdown	Electric start	HP 3 600 rpm	Run time in hr	Tank in L	230 V Circuit breaker	400 V 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 panel	Remote control panel	Cover	Maintenance kit	Storage box			
PERFORM	PERFORM 5500 T	Yes	4.5	5.6	2.3	Kohler®	CH 395	•	X	8.5	3.5	7.3	•	•	**97**	74	81 x 55.5 x 59	77.5	RKB1	R03	X	X	RH1	X	RBAC	P1J	X	X
INTENS	HX 5000 T	Yes	4.0	5.0	2.3	Honda®	GX 270	•	X	8	2.5	5.3	•	•	**97**	74	71.5 x 57 x 49	68	R07	R03	X	X	RH1	R19	X	P1J	Δ	Δ
	HX 7500 T*	Yes	6.0	7.5	2.3	Honda®	GX 390	•	X	11	2.4	6.1	•	•	**97**	74	77 x 57 x 59	80	R07	R03	X	X	RH1	R19	X	P1J	Δ	Δ
TECHNIC	TECHNIC 5500 T	Yes	4.5	5.6	2.3	Kohler®	CH 395	•	X	8.5	11.8	20	•	•	**97**	74	81 x 55.5 x 59	79	RKB1	R03B	X	X	RH1	X	X	P1I	X	X
	SH 7500 T	Yes	6.0	7.5	2.3	Honda®	GX 390	•	X	11	8	20	•	•	**97**	74	77 x 57 x 59	83	R07	R03B	X	X	RH1	R19	X	P1I	Δ	Δ
	SH 7500 TE	Yes	6.0	7.5	2.3	Honda®	GX 390	•	•	11	8	20	•	•	**97**	74	77 x 57 x 59	89	R07	R03B	R05A		RH1	R19	X	P1I	X	Δ
	TECHNIC 7500 TE AVR C	No	6.5	8.15	2.3	Kohler®	CH 15	•	•	15	13.3	35	•	•	**101**	78	89.5 x 57 x 77	124	RKB2	R03B	R05A		RH2	X	X	P1X	X	X
	TECHNIC 15000 TE AVR C	No	11.0	13.75	3.7	Kohler®	CH 640S	•	•	20	8.3	35	•	•	**101**	78	89.5 x 57 x 77	165	RKB2	R03B	R05A		RH2	X	X	P1E	X	X
PRESTIGE	ALIZE® 7500 TE	Yes	5.6	6.6	2.3	Honda®	GX 390	•	•	11	9.6	24	•	•	**91**	68	78 x 59 x 75.5	132	•*	R03B	R05A		X	X	X	P1Q	X	X
DIESEL	SD 6000 TE XL[5]	Yes	5.2	6.5	2.3	Yanmar®	L100	•	•	10	20	26	•	•	**95**	72	95.1 x 79 x 112.5	168.5	R07C	R03B	R05A		X	X	X	P1G	X	X
	DIESEL 6500 TE XL C	No	5.2	6.5	2.3	Kohler® Diesel	KD 440	•	•	9.8	13.3	16	•	•	**108**	85	81 x 55.5 x 59	108	RKB1	R03	R05A		RH1	X	RBAC	P1J	X	X
	DX 6000 TE XL C	No	5.2	6.5	2.3	Yanmar®	L100	•	•	10	9.2	12	•	•	**106**	83	87 x 57 x 55.5	106	R07	R03	R05A		X	X	X	P1J	X	X
	DIESEL 15000 TE XL C	No	10.0	12.5	3.7	Kohler® Diesel	KD 425-2	•	•	19	16.7	35	•	•	**109**	86	89.5 x 57 x 77	169	RKB2	R03B	R05A		RH2	X	X	P1E	X	X
INDUSTRIAL	XP-T9HK-ALIZÉ®[4]	Yes	7.2	9.0	3.7	Mitsubishi® Diesel	L2E-SDH	•	•	X	19.2	50	•	•	**94**	68	150 x 76 x 103	360	R08B	•	VERSOT	CM308	X	RMS	X	P1F	X	X
	XP-T12K-ALIZÉ®[4]	Yes	9.2	11.5	3.7	Mitsubishi® Diesel	S3L2-SD	•	•	X	20	50	•	•	**86**	60	175 x 77.5 x 123	535	R08D	•	VERSOT	CM308	X	RMS	X	P1V	X	X
	XP-T12HK-ALIZÉ®[4]	Yes	9.6	12.0	3.7	Mitsubishi® Diesel	L3E-SDH	•	•	X	11.9	50	•	•	**95**	69	150 x 76 x 103	380	R08B	•	VERSOT	CM308	X	RMS	X	P1V	X	X
	XP-T15HK-ALIZÉ®[4]	No	12.0	15.0	3.7	Mitsubishi® Diesel	L3E-SDH	•	•	X	11.9	50	•	•	**96**	71	175 x 77.5 x 123	442	R08D	•	VERSOT	CM308	X	RMS	X	P1V	X	X
	XP-T16K-ALIZÉ®[4]	Yes	12.8	16.0	3.7	Mitsubishi® Diesel	S4L2-SD	•	•	X	14.7	50	•	•	**87**	61	175 x 77.5 x 123	554	R08D	•	VERSOT	CM308	X	RMS	X	P1V	X	X

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 34 to 37. (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 sets and water pumps**

WELDING SETS

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[3]						Socket codes[2]	C Range	S Range
			Brand	Type	Run time in hr	Tank in L	230 V kW ISO 8528	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	WELDARC 200 E XL C	No	Kohler®	CH 15	12.1	35	4.0	-	170 A	200 A	75-200 A	Direct	1.6-4	Yes	75 V	230 V	**101**	78	89.5 x 57 x 77	111	RKB2	RKD1	X	X	RH2	R10	P1L	X	X
	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**	74	88 x 57 x 55.5	87	R07	RKD1	R19	•	RH2	R10	P1L	△	△
	WELDARC 220 TE XL C	No	Kohler®	CH 15	12.1	35	-	7.15	170 A	200 A	75-200 A	Direct	1.6-4	Yes	73 V	400 V	**101**	78	89.5 x 57 x 77	112	RKB2	X	X	X	RH2	R10	P1J	X	X
	VX 220/7,5H	Yes	Honda®	GX 390	2.4	6.1	3.5	7.15	170 A	200 A	40-200 A	Direct	1.6-4	Yes	73 V	400 V	**97**	74	88 x 57 x 55.5	88	R07	RKD1	R19	•	RH2	R10	P1J	△	△
	WELDARC 300 TE XL C	No	Kohler®	CH 640S	9.2	35	3.0	8.8	250 A	300 A	40-300 A	Direct	1.6-5	Yes	75 V	400 V	**101**	78	89.5 x 57 x 77	152	RKB2	•	X	X	RH2	R10	P1K	X	X
WELDARC DIESEL	VX 180/4 DE XL C	No	Yanmar®	L100	9.2	12	4.0	-	145 A	180 A	50-180 A	Direct	1.6-4	Yes	75 V	230 V	**106**	83	87 x 57 x 55.5	118	R07	RKD1	X	X	RH2	R10	P1L	X	X
	WELDARC 180 DE C	No	Kohler® Diesel	KD 440	4.2	5	4.0	-	145 A	180 A	75-180 A	Direct	1.6-4	Yes	75 V	230 V	**108**	85	81 x 55.5 x 59	100	RKB1	RKD1	X	•	RH1	R10	P1L	X	X
	WELDARC 300 TDE XL C	No	Kohler® Diesel	KD 425-2	20.6	35	3.0	8.8	250 A	300 A	40-300 A	Direct	1.6-5	Yes	75 V	400 V	**109**	86	89.5 x 57 x 77	175	RKB2	•	X	X	RH2	R10	P1K	X	X

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[3]				
		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	82	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	80	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	82	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	80	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	82	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	85	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	80	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	87	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	85	71.5 x 57 x 59	90	2	1	3	RH1	R21	•	R07

SOCKETS

Code	Description
P1A	1 230V 10/16A socket - Circuit breaker.
P1B	1 230V 10/16A socket - Circuit breaker + 1 230V 16A socket - Circuit breaker + 1 230V 32A socket - Circuit breaker + hours counter.
P1C	1 230V 10/16A socket - Circuit breaker + 1 230V 16A socket - Circuit breaker + 1 230V 32A socket - Circuit breaker + differential protection + MICS NEXYS[4].
P1D	1 230V 10/16A socket - Circuit breaker + 1 230V 16A socket - Circuit breaker + 1 230V 32A socket Circuit breaker + emergency stop button + hours counter + indicator light + MICS MODYS[5].
P1E	1 230V 10/16A socket - Circuit breaker + 1 230V 16A socket - Circuit breaker + 1 400V 16A socket - Circuit breaker + hours counter.
P1F	1 230V 10/16A socket - Circuit breaker + 1 230V 16A socket - Circuit breaker + 1 400V 16A socket - Circuit breaker + differential protection + MICS NEXYS[4].
P1G	1 230V 10/16A socket - Circuit breaker + 1 230V 16A socket - Circuit breaker + 1 400V 16A socket Circuit breaker + emergency stop button + hours counter + indicator light + MICS MODYS[5].
P1H	1 230V 10/16A socket - Circuit breaker + 1 230V 32A socket - Circuit breaker.
P1I	1 230V 10/16A socket - Circuit breaker + 1 400V 16A socket - Circuit breaker + hours counter.
P1J	1 230V 10/16A socket - Circuit breaker + 1 400V 16A socket - Circuit breaker.
P1K	1 230V 16A socket - Circuit breaker + 1 400V 16A socket - Circuit breaker + hours counter + differential protection.
P1L	2 230V 10/16A sockets - Circuit breaker.
P1M	2 230V 10/16A sockets - Circuit breaker + hours counter.
P1N	2 230V 10/16A sockets - Circuit breaker + 1 12V 10A socket - Circuit breaker.
P1O	2 230V 10/16A sockets - Circuit breaker + 1 12V 10A socket - Circuit breaker + indicator light.
P1P	2 T 230V 10/16A sockets - Circuit breaker + 1 230V 32A socket - Circuit breaker + hours counter + indicator light.
P1Q	2 230V 10/16A sockets - Circuit breaker + 1 400V 16A socket - Circuit breaker + hours counter + indicator light.
P1R	2 230V 10/16A sockets - Circuit breaker + hours counter + emergency stop button + indicator light + MICS MODYS[5].
P1S	1 10/16A socket - Circuit breaker + 230V 16A socket - Circuit breaker + 1 400V 16A socket + hours counter.
P1T	3 230V 10/16A sockets - Circuit breaker.
P1U	1 230V 10/16A socket - Circuit breaker + 1 12V 10A socket - Circuit breaker.
P1V	1 230V 10/16A socket - Circuit breaker + 1 230V 16A socket - Circuit breaker + 1 400V 32A socket - Circuit breaker + differential protection + MICS NEXYS[4].
P1W	3 230V 10/16A sockets - Circuit breaker + 1 230V 32A socket - Circuit breaker + hours counter.
P1X	3 230V 10/16A sockets – Circuit breaker + 1 400V 16A socket - Circuit breaker + hours counter.

x Not available. • Standard. △ Available.

(1) Theoretical value calculated for comparison purposes. (2) See table of sockets above. (3) See options, pages 34 to 37. (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.

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