

Ready
2016/1628 EU
STAGE V
conforme / compliant



PORTABLE RANGE

PORTABLE POWER

50HZ
2kW - 20kW

GENERATING SETS | WELDING SETS | WATER PUMPS

KOHLER[®]
SDMO[®]

PW-PR-D0-EN-191



KOHLER
HEADQUARTERS AND PRODUCTION SITE
KOHLER, WI

CLARKE ENERGY
HEADQUARTERS
UNITED KINGDOM

SDMO INDUSTRIES
HEADQUARTERS AND 2 PRODUCTIONS SITE
FRANCE

PROVIDING PEOPLE WITH THE ENERGY THEY NEED WHEREVER THE NEED ARISES

From offshore drilling platforms to harsh desert conditions, from building sites to the most exacting industries, KOHLER-SDMO generating sets have proven their performance and reliability time and time again. Dedicated solely to generating sets, KOHLER-SDMO is one of the world's leading manufacturers in the field.

Part of a major international group, it benefits from the support of an extensive distribution network. KOHLER-SDMO currently boasts one of the largest product offerings on the market, positioning itself as a true energy solutions provider.

FURTHER ACROSS THE WORLD CLOSER TO YOU

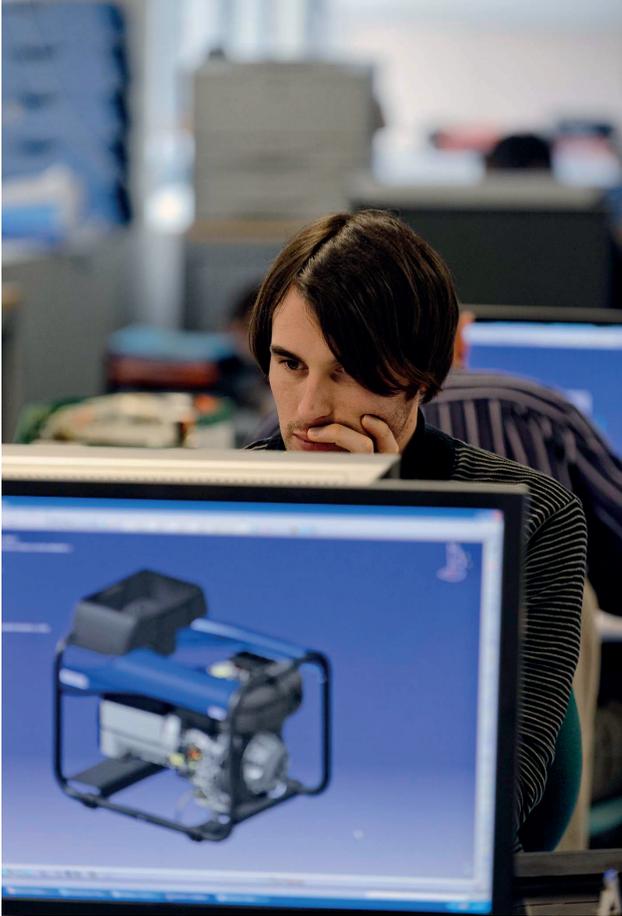
Going further to support you, remaining closer to your needs, SDMO Industries deploys its international network across 130 countries.

KOHLER group – POWER SYSTEM

- ▶ SDMO Industries headquarters in France
- ▶ KOHLER headquarters in the USA
- ▶ Clarke Energy headquarters in the UK
- ▶ 6 production sites
(France, USA, Brazil, Singapore, India, China)

SDMO Industries

- ▶ 11 subsidiaries and offices worldwide
- ▶ 198 distributors in Europe, Africa, the Middle East and South America



KOHLER-SDMO EXPERTISE BENEFITING THE PORTABLE POWER RANGE

KOHLER-SDMO invests heavily in research & development, with a view to anticipating demand and offering you the most innovative and high-performance energy solutions on the market.



DESIGN OFFICES USING THE LATEST TECHNICAL INNOVATIONS

The Research & Development cell is home to 140 specialist mechanical, electrical and electronic engineers. The teams are able to anticipate future requirements, and receive ongoing training in the latest 3D modeling, structural calculation, and structural constraints tools, and thermodynamic, acoustic and electrical simulators. This guarantees that the energy solutions you adopt will be at the leading edge of innovation, offering the best performance on the market.

MODERN FULLY CERTIFIED FACTORIES



- ▶ All KOHLER-SDMO generating sets are manufactured in France.
- ▶ In its extensive premises (over 38,000 m²), KOHLER-SDMO has advanced operational equipment, with factories certified to ISO 9001 and 14001.

A CUTTING EDGE LABORATORY

- ▶ ISO 17025 accredited since 2009, the KOHLER-SDMO lab uses a testing procedure validated and calibrated by COFRAC. It conducts 5 main types of testing:

- Thermal balance calculations (cooling)
- Sound level measurements (measurement method as per Directive 2000/14/EC and ISO 8528-10)
- Electrical checks (EN 12601-ISO 8528)
- Project-specific tests (coupling boards, load/shedding impact (standard ISO 8528-5, performance classes G1/G2/G3)
- Production control (compliance with Directive 2000/14/EC, sourced products, etc.).

- ▶ The laboratory has access to the most advanced tools, with dedicated facilities set over 2000 m², including: a prototype construction area with a 20-ton crane, 3 test benches with control rooms, and a noise emissions area covering 1000 m²...



All SDMO products are certified by a laboratory with ISO 17025 accreditation

KOHLER-SDMO PORTABLE POWER RANGE

THE SOLUTION TO CHALLENGING FIELD REQUIREMENTS

EC



The CE mark on the set's rating plate indicates that it complies with the latest standards and regulations — STAGE V, ISO 8528-8: 2016, 2000/14/EC, REACH etc.

STAGE V (2016/1628 EU)



This new regulation on harmful emissions in Europe applies to all non-road motorized mobile machinery used in Europe; in other words, all equipment with a petrol, diesel or gas combustion engine, except vehicles, which can be moved about for use, whether for professional or personal use.

ISO 8528-8 : 2016

Standard ISO 8528-8:2016 regulates low-power generating sets (less than 10kW).

In the new revision, the previously undefined MAX power is described: The power which a generating set must maintain for a minimum of 5 minutes at temperature while keeping within the voltage and frequency limits.

Continuous power (COP) is the power the generating set can maintain indefinitely and must not be less than 75% of Max Power.

2000/14/EC



This is the European Directive on the sound power of machines for use outdoors.

The various limits on noise levels of generating sets :

- ▶ 0 to 2 kW = 95 dB(A)
- ▶ 2,1 to 3.1kW = 96 dB(A)
- ▶ Over 3.1kW = 97 dB(A)

A generating set may exceed these noise levels, but a noise reducer must be fitted by the operator to comply with Reach limits.

REACH



All products, accessories and options in the KOHLER-SDMO Portable Power range comply scrupulously with the European REACH regulation which requires manufacturers and importers to produce, market, import or use substances that are not harmful to human health and the environment. Its provisions are based on the precautionary principle.

THE WARRANTY



- ▶ For your peace of mind, generating sets, welding sets (fitted with KOHLER and HONDA engines (non-industrial range)* and motor pumps (fitted with KOHLER engines) enjoy a 3-year warranty.



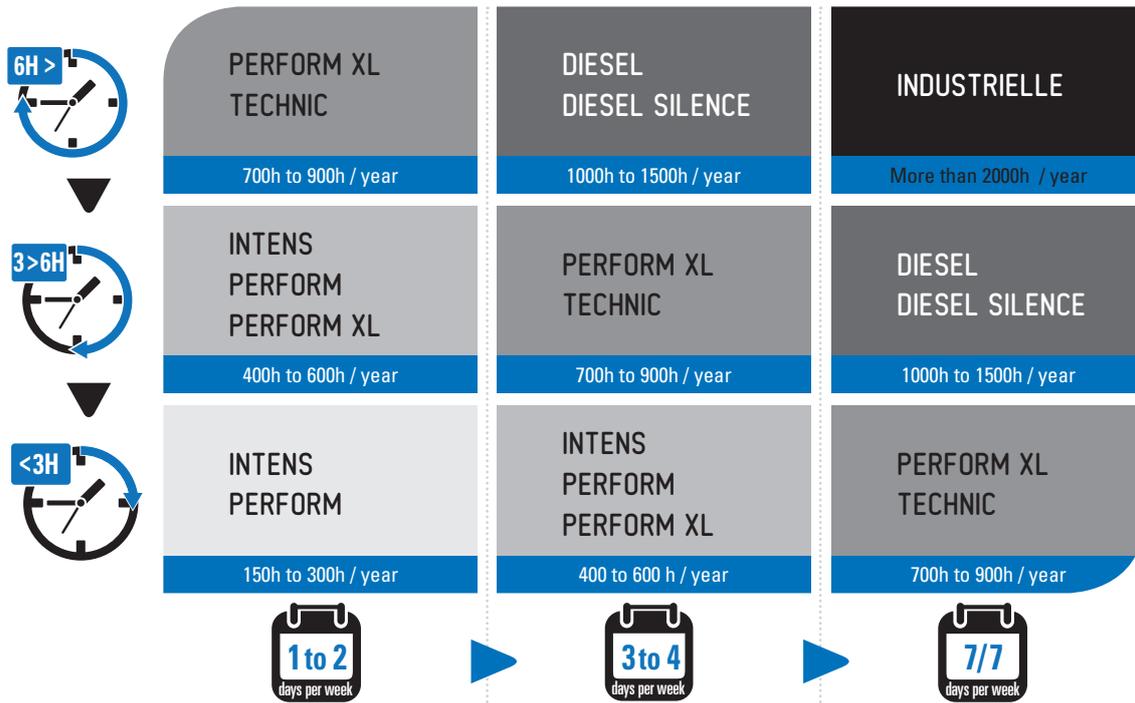
- ▶ Spares: with 45,000 parts in stock you are assured of availability for all equipment for 10 years.

NF C15-401

For France, UTE rules on installation of generating sets require that, depending on use and the equipment connected, generators be fitted with 30mA differential protection.

WHEN CHOOSING YOUR GENERATING SET, WELDING SET OR WATER-PUMP – HERE ARE SOME FACTORS TO LOOK OUT FOR!

CONSTRUCTION SITE GENERATOR



WELDING SET

FREQUENCY OF USE

Regular use

WELDARC INTENS range : Gasoline engine

Intensive use

WELDARC DIESEL range : Diesel engine and long autonomy

TYPES OF ELECTRODES

Rutile

A commonly used electrode with high flexibility of use.

Cellulosique

An electrode suitable for downward welding.

Basic

An electrode for technical joining with a high level of safety.

Use of this is recommended for parts subject to high levels of mechanical stress. It requires direct welding current.

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

BACK-UP

All the welding units in the WELDARC range can supply power thanks to their auxiliary outputs. They can be used as standard generating sets, and the choice of model for this function meets the same criteria as the other generating sets in the Portable Power range.

WATER PUMP

TYPE OF WATER

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

Choose between two AQUALINE INTENS versions according to the quality of the water to be pumped:

- The ST version, recommended for use with clean water,
- The TR version, specially designed for water with low levels of sediment,

Water with very high levels of sediment and high-pressure applications

- HP 2.26 H is the High-pressure water pump
- The XT 3.78 H, TRASH 3 and TRASH 4 models are designed for water with very high levels of sediment.

ELEVATION HEAD

Suction head

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

Discharge head

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

Friction loss

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

$$\text{Elevation head} = \text{suction head} + \text{discharge head} + \text{friction loss}$$

REQUIRED POWER

The delivery rate corresponds to the maximum quantity of water that can be extracted at a given height.

The elevation head determines the available pressure.

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

Mobiles generating sets

INTENS



Options



Differential protection Trolley kit Protective cover Maintenance kit

ENGINE



kW (max)	kVA (max)	Generating set	Alternator type	Tank (L)	Autonomy (h)	Sound power level guaranteed LwA dB(A)	Acoustic pressure level @7m in dB(A)	ENGINE					STAGE V VERSION (1)	AVAILABLE 2019
								Brand	Type	HP à 3600 tr/min	Weigh (kg)	Socket code		
SINGLE PHASE														
2.7	-	HX 3000	Compound	3.1	2.4	95	66	Honda	GX200	5.5	41	P1L	HX 3000 C5	MAY
2.7	-	HX 3000 C	Compound	3.1	2.4	98	69	Honda	GX200	5.5	41	P1L	HXC 3000 C5	MAY
3.7	-	HX 4000	Compound	5.3	2.5	95	67	Honda	GX270	8.4	56	P1L	HX 4000 C5	MAY
3.7	-	HX 4000 C	Compound	5.3	2.5	102	72	Honda	GX270	8.4	56	P1L	HXC 4000 C5	MAY
5.6	-	HX 6000	Compound	6.1	2.4	97	69	Honda	GX390	11.7	79	P1H	HX 6000 C5	MAY
5.6	-	HX 6000 C	Compound	6.1	2.4	100	72	Honda	GX390	11.7	75	P1H	HXC 6000 C5	MAY
THREE PHASE														
-	7.1	HX 7500 T	Compound	6.1	2.4	97	69	Honda	GX390	11.7	80	P1J	HX 7500 T C5	MAY
-	7.1	HX 7500 T C	Compound	6.1	2.4	100	72	Honda	GX390	11.7	76	P1J	HXC 7500 T C5	MAY

PERFORM



Options



Differential protection Trolley kit Protective cover Maintenance kit

ENGINE



kW (max)	kVA (max)	Generating set	Alternator type	Tank (L)	Autonomy (h)	Sound power level guaranteed LwA dB(A)	Acoustic pressure level @7m in dB(A)	ENGINE					STAGE V VERSION (1)	AVAILABLE 2019
								Brand	Type	HP à 3600 tr/min	Weigh (kg)	Socket code		
SINGLE PHASE														
2.8	-	PERFORM 3000	Compound	4.1	3.2	96	67	Kohler	CH270	6	45	P1L	PERFORM 3000 C5	DEC
4.0	-	PERFORM 4500	Compound	7.3	4.3	96	68	Kohler	CH395	8.5	61.5	P1L	PERFORM 4500 C5	DEC
6.3	-	PERFORM 6500	Oversized	7.3	2.8	97	69	Kohler	CH440	11.9	85.5	P1H	PERFORM 6500 C5	MAY
2.4	-	PERFORM 3000 GAZ	Compound	-	-	96	68	Kohler	CH270	6	46.5	P1L	PERFORM 3000 GAZ C5	DEC
3.9	-	PERFORM 4500 GAZ	Compound	-	-	97	69	Kohler	CH395	8.5	63	P1L	PERFORM 4500 GAZ C5	DEC
5.8	-	PERFORM 6500 GAZ	Oversized	-	-	97	69	Kohler	CH440	11.9	87	P1H	PERFORM 6500 GAZ C5	DEC
THREE PHASE														
-	5.6	PERFORM 5500 T	Oversized	7.3	4.3	96	68	Kohler	CH395	8.5	73.5	P1J	PERFORM 5500 T C5	DEC
-	8.1	PERFORM 7500 T	Oversized	7.3	2.8	97	69	Kohler	CH440	11.9	93.5	P1J	PERFORM 7500 T C5	APRIL

PERFORM XL



Options



Differential protection Trolley kit Protective cover Maintenance kit



								ENGINE						
kW (max)	kVA (max)	Generating set	Alternator type	Tank (L)	Autonomy (h)	Sound power level guaranteed LwA dB(A)	Acoustic pressure level @7m in dB(A)	Brand	Type	HP à 3600 tr/min	Weigh (kg)	Socket code	STAGE V VERSION ⁽¹⁾	AVAILABLE 2019
SINGLE PHASE														
2.8	-	PERFORM 3000 XL	Compound	13	10	95	67	Kohler	CH270	6	46.5	P1L	PERFORM 3000 XL C5	DEC
4.0	-	PERFORM 4500 XL	Compound	18	10.6	96	68	Kohler	CH395	8.5	66.5	P1L	PERFORM 4500 XL C5	DEC
4.0	-	PERFORM 4500 XL AVR	AVR	18	10.6	96	68	Kohler	CH395	8.5	72.5	P1L	PERFORM 4500 XL AVR C5	DEC
6.3	-	PERFORM 6500 XL	Oversized	18	6.9	97	69	Kohler	CH440	11.9	87	P1H	PERFORM 6500 XL C5	APRIL
THREE PHASE														
-	5.6	PERFORM 5500 T XL	Oversized	18	10.6	96	68	Kohler	CH395	8.5	76.5	P1J	PERFORM 5500 T XL C5	DEC
-	8.1	PERFORM 7500 T XL	Oversized	18	6.9	97	69	Kohler	CH440	11.9	94.5	P1J	PERFORM 7500 T XL C5	APRIL

TECHNIC



Options



								ENGINE						
kW (max)	kVA (max)	Generating set	Alternator type	Tank (L)	Autonomy (h)	Sound power level guaranteed LwA dB(A)	Acoustic pressure level @7m in dB(A)	Brand	Type	HP à 3600 tr/min	Weigh (kg)	Socket code	STAGE V VERSION ⁽¹⁾	AVAILABLE 2019
SINGLE PHASE														
6.3	-	TECHNIC 6500 E	Oversized	18	6.9	97	69	Kohler	CH440E	11.9	95	P1ZA	TECHNIC 6500 E C5	APRIL
6.3	-	TECHNIC 6500 E AVR	AVR	18	6.9	97	69	Kohler	CH440E	11.9	101	P1ZA	TECHNIC 6500 E AVR C5	APRIL
6.3	-	TECHNIC 6500 E AVR M	AVR	18	6.9	97	69	Kohler	CH440E	11.9	101	P1ZA	TECHNIC 6500 A AVR C5	APRIL
10.3	-	TECHNIC 10000 E	Oversized	33	6.6	97	69	Kohler	CH680	22.5	167	P1ZD	TECHNIC 10000 A C5	AUGUST
10.3	-	TECHNIC 10000 E AVR	AVR	33	6.6	97	69	Kohler	CH680	22.5	167	P1ZD	TECHNIC 10000 A AVR C5	AUGUST
THREE PHASE														
-	8.1	TECHNIC 7500 TE	Oversized	18	6.9	97	69	Kohler	CH440E	11.9	108.5	P1I	TECHNIC 7500 TE C5	APRIL
-	8.1	TECHNIC 7500 TE AVR	AVR	18	6.9	97	69	Kohler	CH440E	11.9	108.5	P1I	TECHNIC 7500 TE AVR C5	APRIL
-	8.1	TECHNIC 7500 TE AVR M	AVR	18	6.9	97	69	Kohler	CH440E	11.9	102	P1I	TECHNIC 7500 TA AVR C5	APRIL
-	14.4	TECHNIC 15000 TE	Oversized	33	6.6	97	69	Kohler	CH680	22.5	176	P1ZE	TECHNIC 15000 TA C5	AUGUST
-	14.4	TECHNIC 15000 TE AVR	AVR	33	6.6	97	69	Kohler	CH680	22.5	173	P1ZE	TECHNIC 15000 TA AVR C5	AUGUST
-	19.0	TECHNIC 20000 TE AVR C	AVR	35	6.3	104	74	Kohler	CH940	34	188	P1Z	TECHNIC 20000 TA AVR C5	APRIL 20

PRESTIGE



Options



								ENGINE						
kW (max)	kVA (max)	Generating set	Alternator type	Tank (L)	Autonomy (h)	Sound power level guaranteed LwA dB(A)	Acoustic pressure level @7m in dB(A)	Brand	Type	HP à 3600 tr/min	Weigh (kg)	Socket code	STAGE V VERSION ⁽¹⁾	AVAILABLE 2019
SINGLE PHASE														
2.0	-	INVERTER PRO 2000	Inverter	4.2	4.7	89	60	Yamaha	MZ80	-	21	P1ZB	INVERTER PRO 2000 C5	JULY
3.0	-	INVERTER PRO 3000 E Pindus	Inverter	13	10	88	59	Yamaha	MZ175	-	68	P1P	INVERTER PRO 3000 E C5	DEC
2.8	-	PRESTIGE 3000	Compound	12	9.2	94	65	Kohler	CH270	6	50	P1L	PRESTIGE 3000 C5	DEC

DIESEL



Options



Differential protection

Automatic start

Trolley kit

Maintenance kit



kW (max)	kVA (max)	Generating set	Alternator type	Tank (L)	Autonomy (h)	Sound power level guaranteed LwA dB(A)	Acoustic pressure level @7m in dB(A)	ENGINE					STAGE V VERSION ⁽¹⁾	AVAILABLE 2019
								Brand	Type	HP à 3600 tr/min	Weigh (kg)	Socket code		
SINGLE PHASE														
3.4	-	DIESEL 4000 C	Compound	4.3	4.8	108	78	Kohler	KD350	7	70	P1L	DIESEL 4000 C5	JUNE
3.4	-	DIESEL 4000 EXPORT	Compound	4.3	4.8	108	78	Kohler	KD350	7	70	P1L	NON EC CERTIFIED - ONLY OUTSIDE EU	
3.4	-	DIESEL 4000 E XL C	Compound	16	17.8	108	78	Kohler	KD350E	7	84	P1L	DIESEL 4000 E XL C5	JUNE
3.4	-	DIESEL 4000 E XL EXPORT	Compound	16	17.8	108	78	Kohler	KD350E	7	84	P1L	NON EC CERTIFIED - ONLY OUTSIDE EU	
4.9	-	DIESEL 6000 E XL C	Compound	16	13.3	108	79	Kohler	KD15-440	9.8	103	P1H	DIESEL 6000 E XL C5	FEB
4.9	-	DIESEL 6000 E XL C M	Compound	16	13.3	108	79	Kohler	KD15-440	9.8	103	P1H	DIESEL 6000 A XL C5	MAY
9.0	-	DIESEL 10000 E XL C	Oversized	35	16.7	109	80	Kohler	KD425-2	19	162	P1ZD	DIESEL 10000 A XL C5	AUGUST
9.0	-	DIESEL 10000 A XL EXPORT	Oversized	35	16.7	109	80	Kohler	KD425-2	19	162	P1ZD	NON EC CERTIFIED - ONLY OUTSIDE EU	
THREE PHASE														
-	6.5	DIESEL 6500 TE XL C	Compound	16	13.3	108	79	Kohler	KD15-440	9.8	108	P1J	DIESEL 6500 TE XL C5	FEB
-	6.5	DIESEL 6500 TE XL C M	Compound	16	13.3	108	79	Kohler	KD15-440	9.8	108	P1J	DIESEL 6500 TA XL C5	FEB
-	12.5	DIESEL 15000 TE XL C	Oversized	35	16.7	109	80	Kohler	KD425-2	19	169	P1ZE	DIESEL 15000 TA XL C	AUGUST
-	12.5	DIESEL 15000 TA XL EXPORT	Oversized	35	16.7	109	80	Kohler	KD425-2	19	169	P1ZE	NON EC CERTIFIED - ONLY OUTSIDE EU	
-	19.0	DIESEL 20000 TA XL AVR EXPORT	AVR	35	9.2	110	81	Kohler	KD625-2	22.1	311	P1ZH	NON EC CERTIFIED - ONLY OUTSIDE EU	

DIESEL SILENCE



Options



Differential protection

Automatic start

Trolley kit

Maintenance kit



kW (max)	kVA (max)	Generating set	Alternator type	Tank (L)	Autonomy (h)	Sound power level guaranteed LwA dB(A)	Acoustic pressure level @7m in dB(A)	ENGINE					STAGE V VERSION ⁽¹⁾	AVAILABLE 2019
								Brand	Type	HP à 3600 tr/min	Weigh (kg)	Socket code		
SINGLE PHASE														
4.9	-	DIESEL 6000 E SILENCE	Compound	27	22.5	88	59	Kohler	KD15-440	9.8	198	P1ZD	DIESEL 6000 A SILENCE C5	FEB
4.9	-	DIESEL 6000 E SILENCE AVR	AVR	27	22.5	88	59	Kohler	KD15-440	9.8	198	P1ZD	DIESEL 6000 A SILENCE AVR C5	FEB
8.8	-	DIESEL 10000 E SILENCE	Oversized	27	12.9	97	68	Kohler	KD425-2	19	269	P1ZD	DIESEL 10000 A SILENCE C5	AUGUST
8.8	-	DIESEL 10000A SILENCE EXPORT	Oversized	27	12.9	97	68	Kohler	KD425-2	19	269	P1ZD	NON EC CERTIFIED - ONLY OUTSIDE EU	
8.8	-	DIESEL 10000 E SILENCE AVR	AVR	27	12.9	97	68	Kohler	KD425-2	19	269	P1ZD	DIESEL 10000 A SILENCE AVR C5	AUGUST
8.8	-	DIESEL 10000A SILENCE AVR EXPORT	AVR	27	12.9	97	68	Kohler	KD425-2	19	269	P1ZD	NON EC CERTIFIED - ONLY OUTSIDE EU	
THREE PHASE														
-	6.5	DIESEL 6500 TE SILENCE	Compound	27	22.5	88	59	Kohler	KD15-440	9.8	215.5	P1ZE	DIESEL 6500 TA SILENCE C5	FEB
-	6.5	DIESEL 6500 TE SILENCE AVR	AVR	27	22.5	88	59	Kohler	KD15-440	9.8	215.5	P1ZE	DIESEL 6500 TA SILENCE AVR C5	FEB
-	12.5	DIESEL 15000 TE SILENCE	Oversized	27	12.9	97	68	Kohler	KD425-2	19	275	P1ZE	DIESEL 15000 TA SILENCE C5	AUGUST
-	12.5	DIESEL 15000TA SILENCE EXPORT	Oversized	27	12.9	97	68	Kohler	KD425-2	19	275	P1ZE	NON EC CERTIFIED - ONLY OUTSIDE EU	
-	12.5	DIESEL 15000 TE SILENCE AVR	AVR	27	12.9	97	68	Kohler	KD425-2	19	275	P1ZE	DIESEL 15000 TA SILENCE AVR C5	AUGUST
-	12.5	DIESEL 15000TA SILENCE AVR EXPORT	AVR	27	12.9	97	68	Kohler	KD425-2	19	275	P1ZE	NON EC CERTIFIED - ONLY OUTSIDE EU	

Stationary generating sets

Not concerned by Non-Road Mobile Machinery Stage V regulation

INDUSTRIAL



kW ESP (max)	kVA ESP (max)	Generating set	Speed (RPM)	Tank (L)	Consumption at 75% load (L/h)	Sound power level guaranteed LwA dB(A)	Acoustic pressure level @7m in dB(A)	ENGINE		Weigh (kg)	Socket code
								Brand	Type		
SINGLE PHASE											
6.0	-	XP-K6M-ALIZE	1500	50	2.3	83	54	Kohler	KDW1003	390	P1C
8.6	-	XP-T9KM-ALIZE	1500	50	3.2	87	58	Mitsubishi	S3L2-SD	544	P1C
THREE PHASE											
-	15.0	XP-K16H-ALIZE	3000	50	3.63	95	66	Kohler	KDW1003-H	480	P1V
-	8.9	XP-K9-ALIZE	1500	50	2.3	83	54	Kohler	KDW1003	390	P1V
-	11.5	XP-T12K-ALIZE	1500	50	2.3	87	58	Mitsubishi	S3L2-SD	535	P1V
-	16.0	XP-T16K-ALIZE	1500	50	4.2	88	59	Mitsubishi	S4L2-SD	554	P1V



Technic 15000 TE AVR sockets panel



APM202



The APM202 control panel displays overspeed, starting failure, oil pressure, battery and temperature

Sockets

Code	Specification
P1C	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 230V 32A socket with circuit breaker + differential protection + APM303
P1H	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 32A socket with circuit breaker
P1I	1 x 230V 10/16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker + hour meter
P1J	1 x 230V 10/16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker
P1K	1 x 230V 16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker + hour meter + differential protection
P1L	2 x 230V 10/16A sockets with circuit breaker
P1P	2 x 230V 10/16A sockets with circuit breaker + 1 x 230V 32A socket with circuit breaker + hour meter + sight glass
P1V	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 400V 32A socket with circuit breaker + differential protection + APM303
P1Z	1 x 230V 10/16A socket with circuit breaker + 2 x 400V 16A sockets with circuit breaker + 1 x 400V 32A socket with circuit breaker + hour meter + sight glass + APM202
P1ZA	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 32A socket with circuit breaker + hour meter
P1ZB	1 x 230V 10/16A socket with circuit breaker + 1 x 12V 8A socket with circuit breaker + sight glass
P1ZD	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 230V 32A socket with circuit breaker + hour meter + sight glass + APM202
P1ZE	1 x 230V 10/16A socket with circuit breaker + 1 x 230V 16A socket with circuit breaker + 1 x 400V 16A socket with circuit breaker + hour meter + sight glass + APM202
P1ZH	1 x 230V 10/16A socket with circuit breaker + 1 x 400V 32A socket with circuit breaker + emergency stop button + hour meter + sight glass + APM202