INDUSTRIAL RANGE

POWER PRODUCTS

50 HZ 60 HZ

6 kVA - 830 kVA | 5 kW - 750 kW

THE ENERGY SOLUTION FOR YOUR INDUSTRIAL APPLICATIONS

KOHLER®

SDMO®

PP-IN-DO-EN-181

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

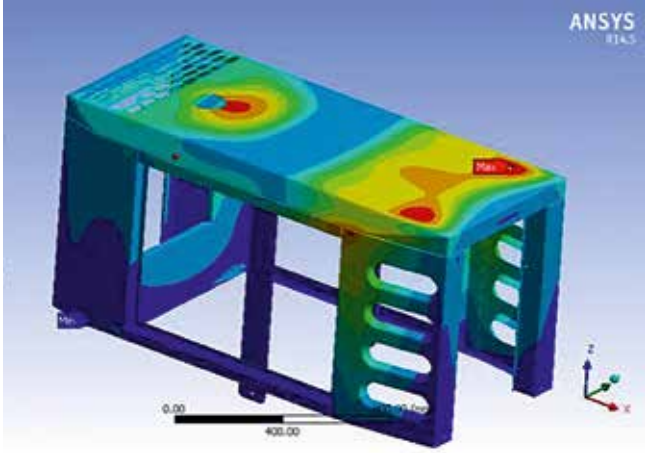
Going further to support you, remaining closer to your needs, SDMO Industries deploys its international network across 130 countries.

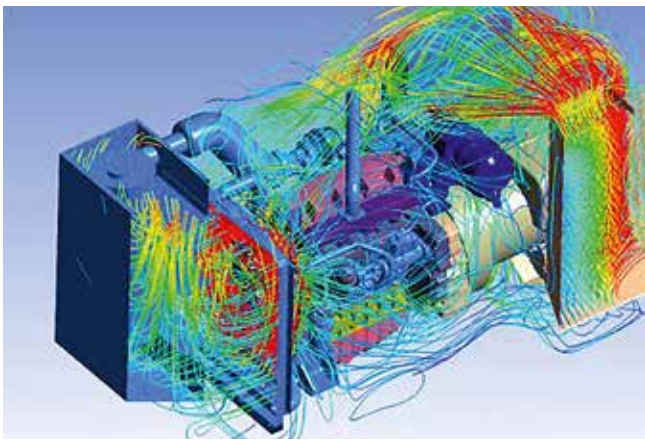
KOHLER Group – POWER SYSTEM

- 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

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





KOHLER-SDMO EXPERTISE
BENEFITING THE POWER PRODUCTS 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 mains 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…

Tous les produits SDMO Industries sont certifiés par un laboratoire accrédité ISO 17025

KEY POINTS

KOHLER | SDMO

OPTIMIZED AND CERTIFIED SOUND LEVELS

Optimized and certified sound levels. Measurements:

- conducted using acoustic intensimetry (the most accurate method on the market)
- certified by CETIM (Technical Center for Mechanical Industry)
- conducted in a COFRAC accredited laboratory (the French official accreditation body)

POWER MAINTAINED EVEN IN EXTREME CONDITIONS

The SDMO Industries engineering department ensures the coolant systems are adapted perfectly, so that maximum power can be provided, even at high temperatures.

QUALITY TESTING

Each KOHLER-SDMO generating set is prototyped in the laboratory and tested in production, to ensure it operates exactly as it should.

APPROVED IN LINE WITH THE MOST EXACTING STANDARDS

KOHLER-SDMO does not compromise when it comes to the quality of its products and their compliance with standards. They are designed to meet even more demanding criteria than those set by the directives.

ROBUST BASE FRAMES & HIGH QUALITY ENCLOSURES

A high quality enclosure protects the generator's components whilst enabling it to run under the most extreme of conditions (high temperatures, dusty or sandy environments, etc.). KOHLER-SDMO base frames and enclosures are produced in France, and their suppliers selected according to very strict criteria.

QUALITY OF THE ELECTRICITY PRODUCED

A high quality current, in voltage and frequency in compliance with the ISO 8528-5 standard, provides a high starting and loading capacity for critical applications.

PROTECTING INSTALLATIONS AND INDIVIDUALS

KOHLER-SDMO is developing solutions on a daily basis to further enhance the safety of the generating set and its users (modular management of neutral connections, precision circuit breakers, engine preheating, etc.).

SMALL FOOTPRINT. HIGH PERFORMANCE

The footprint of a generator, in both surface area and volume, is key to ensuring its integration, regardless of space constraints. Thanks to their innovative engineering, KOHLER-SDMO generators pack big performance into a compact frame.

KOHLER-SDMO,
OPTIMIZE THE PERFORMANCE OF YOUR INSTALLATIONS IN COMPLETE SAFETY

The KOHLER-SDMO Service department provides day-to-day support for distributors and customers, so as to guarantee the reliability and performance of its generating sets and energy production plants.

TRAINING

The KOHLER-SDMO training center is based in Brest, and was set up to pass on the knowledge required to install, commission, use and maintain our generating sets to our distributors and their customers. The list of electrical and mechanical training we offer is not exhaustive.

SPARE PARTS

While the hub of the spare parts management system is in Brest, KOHLER-SDMO draws on an international distribution network and dedicated specialist tools, ensuring it has the proximity to react promptly to customers' needs.

TECHNICAL SUPPORT

The after-sales service is able to respond to any technical questions encountered with a generating set from the moment it is installed. It organizes events on the ground and assists the distributors in their operations on a day-to-day basis.

RANGE **ADRIATIC**

POWER PRODUCTS
FROM 6 KVA TO 66 KVA
KOHLER ENGINES

OPEN VERSION

K16U ▶ OPEN VERSION

K22 ▶ OPEN VERSION

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS					60 HZ - 208 - 120 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
K9	1500	8.1	9	1.9	K9U	1800	7.6	8.4	2.3	KDW1003	3L	1.0	1.22x0.70x0.92	290	50
K12	1500	10.9	12	2.5	K12U	1800	10.6	11.6	2.9	KDW1404	4L	1.4	1.41x0.72x1.02	340	50
K16	1500	15	16.5	3.7	K16U	1800	14.1	15.5	4.5	KDW1603	3L	1.7	1.41x0.72x1.02	410	50
K16H	3000	-	16	3.6	-	-	-	-	-	KDW1003-H	3L	1.0	1.41x0.72x1.02	310	50
K21H	3000	-	21	4.9	-	-	-	-	-	KDW1404-H	4L	1.4	1.41x0.72x1.02	350	50
K22	1500	19.5	21.5	3.3	K20U	1800	17.3	19	4.2	KDI1903M	3L	1.9	1.41x0.72x1.08	490	50
K27	1500	24.1	26.5	4.4	K25U	1800	22.6	24.8	5.6	KDI2504M	4L	2.5	1.41x0.72x1.08	540	50
K33	1500	30	33	5.7	K30U	1800	28	30.7	7.2	KDI2504TM-30	4L	2.5	1.70x0.90x1.20	585	100
K44	1500	40	44	7.1	K40U	1800	36	40	8.5	KDI2504TM-40	4L	2.5	1.70x0.90x1.20	618	100
K66	1500	60	66	11.3	K60U	1800	54	60	13.6	KDI3404TM-61	4L	3.4	1.70x0.90x1.17	781	180

SINGLE PHASE SPECIFICATIONS

50 HZ - 230 V SPECIFICATIONS					60 HZ - 240 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
K6M	1500	5.7	6.4	1.9	-	-	-	-	-	KDW1003	3L	1.0	1.22x0.70x0.92	290	50
-	-	-	-	-	K9UM	1800	7.3	8	2.3	KDW1003	3L	1.0	1.41x0.72x1.02	330	50
K10M	1500	8.2	9	2.5	K12UM	1800	10	11	2.9	KDW1404	4L	1.4	1.41x0.72x1.02	350	50
K12M	1500	10.7	11.8	3.7	K16UM	1800	12.2	14.5	4.5	KDW1603	3L	1.7	1.41x0.72x1.02	440	50
K17M	1500	14.1	15.5	3.3	K20UM	1800	16.4	18	4.2	KDI1903M	3L	1.8	1.41x0.72x1.08	530	50
K26M	1500	23.6	26	5.7	K30UM	1800	27.3	30	7.3	KDI2504TM-30	4L	2.5	1.70x0.90x1.20	621	100
-	-	-	-	-	K40UM	1800	36	40	8.1	KDI2504TM-40	4L	2.5	1.70x0.90x1.07	636	100

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) Also available in the following voltages: 440/254 V - 220/127 V - 480/277 V
(3) PRP: Main power available continuously with variable load for an unlimited time in accordance with ISO 8528-1.
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) The dimensions and weights apply to a generating set specified in the price list, without options
(6) Dry weight - without fuel
* ISO 8528: power expressed in accordance with the legislation in force
M: Single phase - H: High speed (3000 rpm) - U: 60 Hz

PLUS PRODUCT

POWER AND COMPACTNESS COMBINED

The levels of performance provided by KOHLER Diesel KDI engines ensure our generating sets offer the optimum power to size ratio. This means they can be made more compact, thereby reducing transport and storage costs. For example, KOHLER-SDMO can now offer a 66 KVA/kWe generating set in a more compact enclosure (M137). By reducing the footprint, generating sets up to 66 kVA can now be stacked in a 40-foot shipping container (see p.17).

SOUNDPROOFED VERSION

K66 ▸ SOUNDPROOFED VERSION

K44 DW 48H ▸ SOUNDPROOFED VERSION
with double wall 48-hour tank

THREE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
K9	K9U	M125	50	1.48x0.76x1.03	390	-	-	-	83	67	54	64
K12	K12U	M126	50	1.75x0.78x1.23	510	93	36.8	31.7	83	67	54	64
K16	K16U	M126	50	1.75x0.78x1.23	580	93	25.1	20.7	91	74	61	69
K16H	-	M126	50	1.75x0.78x1.23	480	93	25.6	-	95	79	66	-
K21H	-	M126	50	1.75x0.78x1.23	520	93	19	-	96	80	67	-
K22	K20U	M126	50	1.75x0.78x1.23	660	93	26.6	22.5	88	71	58	67
K27	K25U	M126	50	1.75x0.78x1.23	710	93	19.8	16.7	93	76	64	68
K33	K30U	M137	100	2.10x0.94x1.28	773	240	39	32	93	75	63	68
K44	K40U	M137	100	2.10x0.94x1.28	806	240	30.7	27	93	76	64	68
K66	K60U	M137	180	2.10x0.94x1.28	978	240	21.2	17.6-	95	79	66	69

SINGLE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
K6M	-	M125	50	1.48x0.76x1.03	390	-	-	-	83	67	54	-
-	K9UM	M126	50	1.75x0.78x1.23	500	93	-	40.4	-	-	-	64
K10M	K12UM	M126	50	1.75x0.78x1.23	520	93	36.8	31.7	83	67	54	64
K12M	K16UM	M126	50	1.75x0.78x1.23	610	93	25.1	20.7	91	74	61	69
K17M	K20UM	M126	50	1.75x0.78x1.23	700	93	26.6	22.7	87	71	58	67
K26M	K30UM	M137	100	2.10x0.94x1.28	830	240	40.4	32.8	93	76	64	68
-	K40UM	M137	100	2.10x0.94x1.28	824	240	-	29.6	-	-	-	68

RANGE **PACIFIC**

POWER PRODUCTS
FROM 9 KVA TO 16 KVA
MITSUBISHI ENGINES

OPEN VERSION

T12K ▶ OPEN VERSION

T16K ▶ OPEN VERSION

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS					208 HZ - 120 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
T9HK	3000	-	9	2.6	-	-	-	-	-	L2E-SDH	2L	0.6	1.22x0.70x0.92	240	50
T12K	1500	10.5	11.5	2.5	T11U	1800	10.2	11.2	3.2	S3L2-SD	3L	1.3	1.41x0.72x1.05	387	50
T12HK	3000	-	12	4.2	-	-	-	-	-	L3E-SDH	3L	1.0	1.22x0.70x0.92	260	50
T16K	1500	14.5	16	3.4	T16U	1800	14.6	16	4.2	S4L2-SD	4L	1.7	1.41x0.72x1.05	406	50

SINGLE PHASE SPECIFICATIONS

50 HZ - 230 V SPECIFICATIONS					60 HZ - 240 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
T8HKM	3000	-	7.5	2.6	-	-	-	-	-	L2E-SDH	2L	0.6	1.22x0.70x0.92	220	50
T9KM	1500	7.8	8.6	2.5	T11UM	1800	9.1	10	3.2	S3L2-SD	3L	1.3	1.41x0.72x1.05	396	50
T11HKM	3000	-	10.5	2.6	-	-	-	-	-	L3E-SDH	2L	1.0	1.22x0.70x0.92	280	50
T12KM	1500	10.9	12	3.4	T16UM	1800	13.6	15	4.2	S4L2-SD	4L	1.8	1.41x0.72x1.05	406	50

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) Also available in the following voltages: 440/254 V - 220/127 V - 480/277 V
(3) PRP: Main power available continuously with variable load for an unlimited time in accordance with ISO 8528-1.
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) The dimensions and weights apply to a generating set specified in the price list, without options
(6) Dry weight - without fuel
* ISO 8528: power expressed in accordance with the legislation in force
M: Single phase - H: High speed (3000 rpm) - U: 60 Hz

FOCUS OPTIONS

- KOHLER-SDMO offers an optional double wall base frame allowing a maximum run time of up to 24 hours. With its double wall, the environment is protected against any possible fuel leak. It is the ideal option, perfect for use in isolated areas.

SOUNDPROOFED VERSION

T9HK ▸ SOUNDPROOFED VERSION

T16U DW 24H ▸ SOUNDPROOFED VERSION
with double wall 24-hour tank

THREE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
T9HK	-	M125	50	1.48x0.76x1.03	360	-	-	-	83	67	54	-
T12K	T11U	M126	50	1.75x0.78x1.23	530	93	37.2	29.1	87	71	58	65
T12HK	-	M125	50	1.48x0.76x1.03	380	-	-	-	83	67	54	-
T16K	T16U	M126	50	1.75x0.78x1.23	554	93	27.4	22.1	89	72	59	65

SINGLE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
T8HKM	-	M125	50	1.48x0.76x1.03	340	-	-	-	83	67	54	-
T9KM	T11UM	M126	50	1.75x0.78x1.23	544	93	37.2	29.1	87	71	58	63
T11HKM	-	M125	50	1.48x0.76x1.03	400	-	-	-	83	67	54	-
T12KM	T16UM	M126	50	1.75x0.78x1.23	630	93	27.4	22.1	88	72	59	65

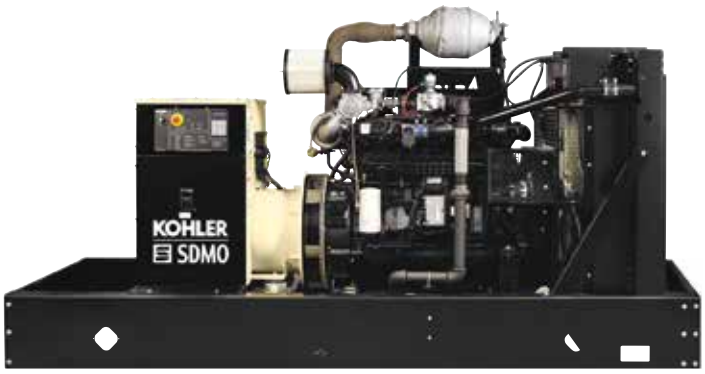
RANGE **NEVADA**

POWER PRODUCTS
FROM 50 KVA TO 400 KVA

KOHLER ENGINES | GAS-**POWERED**

OPEN VERSION

GZ50 ▶ OPEN VERSION



GZ200 ▶ OPEN VERSION

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS				GENERAL SPECIFICATIONS				
Generating sets[1]	kVA Cos ϕ 0.8		rpm	Engine			Open version	
	PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[5] (kg)
GZ50	-	50	1500	GMC850	8V	5.3	2.20x1.04x1.17	786
GZ60	-	59	1500	GMC857	8V	5.7	2.20x1.04x1.17	786
GZ80	-	87	1500	GMC857T	8V	5.7	2.80x1.12x1.38	1271
GZ100	-	92	1500	GMC857TIC	8V	5.7	2.80x1.12x1.38	1271
GZ125	-	127	1500	PSI88T	8V	8.7	2.80x1.12x1.54	1293
GZ150	-	146	1500	PSI48TIC	8V	8.7	2.80x1.12x1.54	1554
GZ180	160	176	1500	D111TIC-176	6V	11.0	3.58x1.35x1.85	2238
GZ200	196	216	1500	D111TIC-195	6V	11.0	3.58x1.35x1.85	2238
GZ250	250	275	1500	D146TIC	8V	14.6	3.50x1.75x2.00	2942
GZ300	300	330	1500	D183TIC-273	10V	18.3	3.47x1.68x2.38	3623
GZ350	318	350	1500	D183TIC-319	10V	18.3	3.47x1.68x2.38	3623
GZ400	345	380	1500	D219TIC	12V	21.9	3.90x1.95x2.38	3888

(1) Only available in 400/230 V
(2) The dimensions and weights apply to a generating set specified in the price list, without options
(3) PRP: Main power available continuously under variable load for an unlimited number of hours annually, in accordance with ISO 8528-1
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) Dry weight - without fuel

GAZ CARBURATION

FOCUS

THE GENERATING SET EQUIPPED WITH A DECISION-MAKER® 3000 CONTROL UNIT

Offering advanced control, a monitoring system and a diagnostic system for optimized performance.

SOUNDPROOFED VERSION

GZ125 ▸ SOUNDPROOFED VERSION

GZ60 ▸ SOUNDPROOFED VERSION

THREE PHASE SPECIFICATIONS

GENERATING SETS	STANDARD ENCLOSURE			NATURAL GAS CONSUMPTION (M3/H)				50 HZ SOUND LEVELS		
50 Hz	Enclosure	Dimensions lxwxh (m)	Weight (kg)	110% load	100% load	75% load	50% load	LWA	dB(A)@1m	dB(A)@7m
GZ50	SSE25-60	2.59x1.08x1.51	1100	17	16	13	10.3	92	73	62
GZ60	SSE25-60	2.59x1.08x1.51	1100	18.1	17.5	15	21	92	73	62
GZ80	SSE80-150	3.53x1.15x1.72	1518	29.7	28	23	18.5	92	75	64
GZ100	SSE80-150	3.53x1.15x1.72	1539	34.2	32	26	20.5	94	76	65
GZ125	SSE80-150	3.53x1.15x1.72	1732	35.6	33	26	20.5	100	81	70
GZ150	SSE80-150	3.53x1.15x1.72	1863	46.4	43	34	24.2	100	81	70
GZ180	SSE180-200	4.35x1.39x2.10	3064	48.3	43.6	34	23.7	99	79	68
GZ200	SSE180-200	4.35x1.39x2.10	3213	53.5	48.3	37	25.9	99	79	68
GZ250	SSE250	4.35x1.39x2.10	3711	70.4	36.8	49	34.2	95	75	64
GZ300	SSE300-350	6.31x2.23x2.86	5926	83.9	76.1	58	41.6	95	75	64
GZ350	SSE300-350	6.31x2.23x2.86	5926	88.1	79.9	60	46.8	96	75	64
GZ400	SSE400	7.23x2.49x2.86	6429	107.1	97	74	51.9	96	76	65

A simple modification to the control unit enables generating sets to be run on LPG.

GAZ CARBURATION

RANGE **MONTANA**

POWER PRODUCTS
FROM 22 KVA TO 250 KVA
JOHN DEERE ENGINES

OPEN VERSION

J110K ▶ OPEN VERSION
with optional APM403 control unit

J220K ▶ OPEN VERSION
with optional APM403 control unit

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS					60 HZ - 208 - 120 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
J22	1500	20	22	3.8	J20U	1800	18.2	20	6.5	3029DFS29	3L	2.9	1.70x0.90x1.18	649	100
J22LR	1500	20	22	3.8	-	-	-	-	-	3029DFS29-LR	3L	2.9	1.70x0.90x1.18	649	100
J33	1500	30	33	4.9	J30U	1800	27.2	30	6.5	3029DFS29	3L	2.9	1.70x0.90x1.18	654	100
J44K	1500	40	44	7.5	J40U	1800	36	40	8.7	3029TFS29	3L	2.9	1.70x0.90x1.24	705	100
J66K	1500	60	66	12	J60U	1800	54	60	14.5	4045TF120	4L	4.5	1.87x0.99x1.36	995	180
J77K	1500	70	77	12	J70U	1800	64	70	14.5	4045TF120	4L	4.5	1.87x0.99x1.36	1038	180
J88K	1500	80	88	14	J80U	1800	73	80	16	4045TF220	4L	4.5	1.87x0.99x1.36	1088	180
J110K	1500	100	110	16.5	J100U	1800	91	100	19	4045HF120	4L	4.5	1.95x1.08x1.33	1097	190
J130K	1500	120	132	18.5	J120U	1800	106	117	24	6068TF220	6L	6.7	2.37x1.11x1.48	1498	340
J165K	1500	150	165	25	J150U	1800	137	150	29	6068HF120-153	6L	6.7	2.37x1.11x1.48	1578	340
J200K	1500	182	200	31.3	J175U	1800	159	175	36.1	6068HF120-183	6L	6.7	2.37x1.11x1.48	1726	340
-	-	-	-	-	J200U	1800	182	200	36.9	6068HF475	6L	6.7	2.40x1.11x1.48	1766	340
J220K	1500	200	220	35.1	-	-	-	-	-	6068HSG22	6L	6.7	2.37x1.11x1.54	1715	340
J250K	1500	227	250	35.9	-	-	-	-	-	6068HFS55-228	6L	6.7	2.40x1.11x1.54	1800	340

SINGLE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS					60 HZ - 208 - 120 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
-	-	-	-	-	J20UM	1800	18.2	20	6.5	3029DFS29	3L	2.9	1.70x0.90x1.18	688	100
-	-	-	-	-	J30UM	1800	25.5	28	6.5	3029DFS29	3L	2.9	1.70x0.90x1.18	723	100
-	-	-	-	-	J40UM	1800	36	40	8.7	3029TFS29	3L	2.9	1.70x0.90x1.24	719	100
-	-	-	-	-	J60UM	1800	55	60	14.5	4045TF120	4L	4.5	1.95x1.08x1.35	1097	190

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) Also available in the following voltages: 440/254 V - 220/127 V - 480/277 V
(3) PRP: Main power available continuously with variable load for an unlimited time in accordance with ISO 8528-1.
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) The dimensions and weights apply to a generating set specified in the price list, without options
(6) Dry weight - without fuel
* ISO 8528: power expressed in accordance with the legislation in force
LR: Long Running - M: Single phase - U: 60 Hz

FOCUS OPTIONS

BASE FRAME WITH 48-HOUR TANK!

For improved maximum run time, opt for the double wall base frame with a large capacity integrated fuel tank: ideal for isolated areas. This option combines the need for autonomy with security, making it possible for all of the generating set's fluids to be held.

SOUNDPROOFED VERSION

J100U DW 48H ▶ SOUNDPROOFED VERSION
with optional 48-hour tank

J200K ▶ SOUNDPROOFED VERSION

THREE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
J22	J20U	M137	100	2.10x0.94x1.28	837	240	46	35.4	92	75	62	68
J22LR	-	M137	100	2.10x0.94x1.28	837	240	46	-	92	75	62	-
J33	J30U	M137	100	2.10x0.94x1.28	842	240	46	35.4	91	74	62	68
J44K	J40U	M137	100	2.10x0.94x1.28	893	240	30.7	26.4	91	74	62	66
J66K	J60U	M128	180	2.30x1.06x1.68	1405	390	32.5	26.9	91	73	61	67
J77K	J70U	M128	180	2.30x1.06x1.68	1448	390	32.5	26.9	91	74	62	67
J88K	J80U	M128	180	2.30x1.06x1.68	1448	390	27.9	24.4	94	76	64	73
J110K	J100U	M129	190	2.55x1.15x1.68	1597	505	30.6	26.6	95	78	66	70
J130K	J120U	M226	340	3.51x1.20x1.83	2088	868	46.9	36.2	93	75	64	69
J165K	J150U	M226	340	3.51x1.20x1.83	2198	868	34.7	29.9	94	75	64	69
J200K	J175U	M226	340	3.51x1.20x1.83	2336	868	27.7	24.0	95	76	65	69
-	J200U	M226	340	3.51x1.20x1.83	2395	868	-	23.5	-	-	-	70
J220K	-	M226	340	3.51x1.20x1.83	2346	868	25.5	-	97	78	67	-
J250K	-	M226	340	3.51x1.20x1.83	2400	868	24.2	-	101	82	71	-

SINGLE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME		60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	60 Hz maximum run time (h)	dB(A)@7m
-	J20UM	M137	100	2.10x0.94x1.28	876	240	35.4	68
-	J30UM	M137	100	2.10x0.94x1.28	911	240	35.4	68
-	J40UM	M137	100	2.10x0.94x1.28	907	240	26.4	67
-	J60UM	M129	190	2.55x1.15x1.68	1497	390	26.9	67

RANGE

ATLANTIC

POWER PRODUCTS

FROM 275 KVA TO 700 KVA

VOLVO ENGINES

OPEN VERSION

V400C2 ▶ OPEN VERSION

SOUNDPROOFED VERSION

V275C2 ▶ SOUNDPROOFED VERSION

OPEN VERSION

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS				60 HZ - 208 - 120 V SPECIFICATIONS				GENERAL SPECIFICATIONS					
Generating sets(1)	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets(2)	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version(5)		
	PRP (3)	ESP(4)			PRP (3)	ESP(4)		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight(6) (kg)	Tank (L)
-	-	-	-	V250U	227	250	45.7	TAD734GE	6L	7.2	2.90x1.30x1.59	2260	390
V275C2	250	275	42.6	-	-	-	-	TAD734GE	6L	7.2	2.90x1.30x1.59	2200	390
V350C2	318	350	48	V300U	273	300	54	TAD1341GE	6L	12.8	3.16x1.34x1.76	3110	470
V400C2	352	387	58	V350U	319	350	69	TAD1342GE	6L	12.8	3.16x1.34x1.80	3060	470
V440C2	400	440	63.3	V400U	364	400	72.4	TAD1344GE	6L	12.8	3.16x1.34x1.80	3110	470
V500C2	455	500	69.2	-	-	-	-	TAD1345GE	6L	12.8	3.16x1.34x1.80	3250	470
V550C2	500	500	75.4	V500UC2	455	500	88.8	TAD1641GE	6L	16.1	3.47x1.50x2.05	3620	500
-	-	-	-	V550UC2	500	550	97.1	TAD1642GE	6L	16.1	3.47x1.63x2.09	3650	610
V650C2	591	650	85.2	-	-	-	-	TAD1642GE	6L	16.1	3.47x1.63x2.09	3780	610
V700C2	650	700	94.5	V600UC2	546	600	105.7	TWD1643GE	6L	16.1	3.47x1.63x2.05	4020	610

SOUNDPROOFED VERSION

THREE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
-	V250U	M227	390	4.00x1.38x2.15	3190	950	-	20.8	-	-	-	74
V275C2	-	M227	390	4.00x1.38x2.15	3130	950	22.3	-	97	78	67	-
V350C2	V300U	M228	470	4.48x1.41x2.43	4042	1368	28.5	25.3	97**	81	71	76
V400C2	V350U	M228	470	4.48x1.41x2.43	4170	1368	23.6	19.8	97**	81	71	76
V440C2	V400U	M228	470	4.48x1.41x2.43	4080	1368	21.6	18.9	98**	81	71	76
V500C2	-	M228	470	4.48x1.41x2.43	4360	1368	19.8	-	98**	81	71	-
V550C2	V500UC2	M229	500	5.03x1.56x2.44	4870	1770	23.5	19.9	97	76	66	75
-	V550UC2	M230	610	5.03x1.69x2.66	5170	1950	-	20.1	-	-	-	75
V650C2	-	M230	610	5.03x1.69x2.66	5300	1950	22.9	-	100	80	70	-
V700C2	V600UC2	M230	610	5.03x1.69x2.66	5550	1950	20.6	18.4	105	85	75	79

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) Also available in the following voltages: 440/254 V - 220/127 V - 480/277 V
(3) PRP: Main power available continuously with variable load for an unlimited time in accordance with ISO 8528-1.
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) The dimensions and weights apply to a generating set specified in the price list, without options
(6) Dry weight - without fuel
* ISO 8528: power expressed in accordance with the legislation in force - ** with option CN09
U: 60 Hz

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

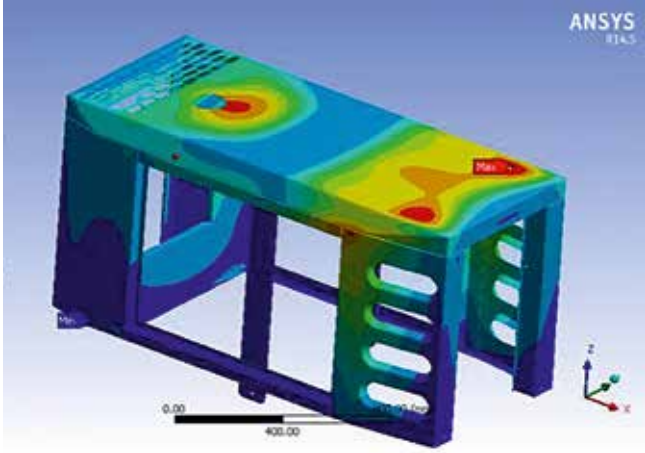
Going further to support you, remaining closer to your needs, SDMO Industries deploys its international network across 130 countries.

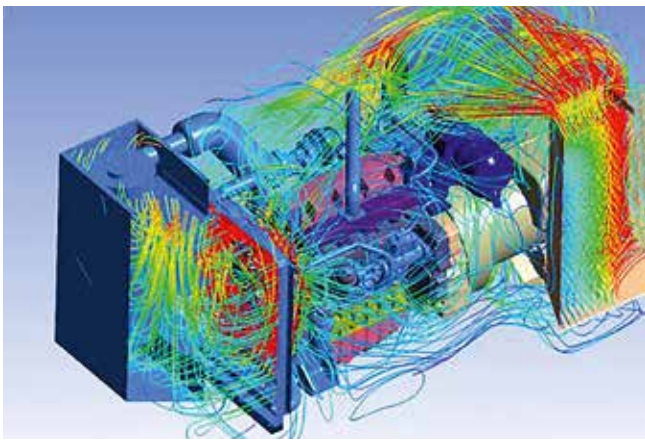
KOHLER Group – POWER SYSTEM

- 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

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





KOHLER-SDMO EXPERTISE
BENEFITING THE POWER PRODUCTS 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 mains 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…

Tous les produits SDMO Industries sont certifiés par un laboratoire accrédité ISO 17025

KEY POINTS

KOHLER | SDMO

OPTIMIZED AND CERTIFIED SOUND LEVELS

Optimized and certified sound levels. Measurements:

- conducted using acoustic intensimetry (the most accurate method on the market)
- certified by CETIM (Technical Center for Mechanical Industry)
- conducted in a COFRAC accredited laboratory (the French official accreditation body)

POWER MAINTAINED EVEN IN EXTREME CONDITIONS

The SDMO Industries engineering department ensures the coolant systems are adapted perfectly, so that maximum power can be provided, even at high temperatures.

QUALITY TESTING

Each KOHLER-SDMO generating set is prototyped in the laboratory and tested in production, to ensure it operates exactly as it should.

APPROVED IN LINE WITH THE MOST EXACTING STANDARDS

KOHLER-SDMO does not compromise when it comes to the quality of its products and their compliance with standards. They are designed to meet even more demanding criteria than those set by the directives.

ROBUST BASE FRAMES & HIGH QUALITY ENCLOSURES

A high quality enclosure protects the generator's components whilst enabling it to run under the most extreme of conditions (high temperatures, dusty or sandy environments, etc.). KOHLER-SDMO base frames and enclosures are produced in France, and their suppliers selected according to very strict criteria.

QUALITY OF THE ELECTRICITY PRODUCED

A high quality current, in voltage and frequency in compliance with the ISO 8528-5 standard, provides a high starting and loading capacity for critical applications.

PROTECTING INSTALLATIONS AND INDIVIDUALS

KOHLER-SDMO is developing solutions on a daily basis to further enhance the safety of the generating set and its users (modular management of neutral connections, precision circuit breakers, engine preheating, etc.).

SMALL FOOTPRINT. HIGH PERFORMANCE

The footprint of a generator, in both surface area and volume, is key to ensuring its integration, regardless of space constraints. Thanks to their innovative engineering, KOHLER-SDMO generators pack big performance into a compact frame.

KOHLER-SDMO,
OPTIMIZE THE PERFORMANCE OF YOUR INSTALLATIONS IN COMPLETE SAFETY

The KOHLER-SDMO Service department provides day-to-day support for distributors and customers, so as to guarantee the reliability and performance of its generating sets and energy production plants.

TRAINING

The KOHLER-SDMO training center is based in Brest, and was set up to pass on the knowledge required to install, commission, use and maintain our generating sets to our distributors and their customers. The list of electrical and mechanical training we offer is not exhaustive.

SPARE PARTS

While the hub of the spare parts management system is in Brest, KOHLER-SDMO draws on an international distribution network and dedicated specialist tools, ensuring it has the proximity to react promptly to customers' needs.

TECHNICAL SUPPORT

The after-sales service is able to respond to any technical questions encountered with a generating set from the moment it is installed. It organizes events on the ground and assists the distributors in their operations on a day-to-day basis.

RANGE **ADRIATIC**

POWER PRODUCTS
FROM 6 KVA TO 66 KVA
KOHLER ENGINES

OPEN VERSION

K16U ▶ OPEN VERSION

K22 ▶ OPEN VERSION

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS					60 HZ - 208 - 120 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
K9	1500	8.1	9	1.9	K9U	1800	7.6	8.4	2.3	KDW1003	3L	1.0	1.22x0.70x0.92	290	50
K12	1500	10.9	12	2.5	K12U	1800	10.6	11.6	2.9	KDW1404	4L	1.4	1.41x0.72x1.02	340	50
K16	1500	15	16.5	3.7	K16U	1800	14.1	15.5	4.5	KDW1603	3L	1.7	1.41x0.72x1.02	410	50
K16H	3000	-	16	3.6	-	-	-	-	-	KDW1003-H	3L	1.0	1.41x0.72x1.02	310	50
K21H	3000	-	21	4.9	-	-	-	-	-	KDW1404-H	4L	1.4	1.41x0.72x1.02	350	50
K22	1500	19.5	21.5	3.3	K20U	1800	17.3	19	4.2	KDI1903M	3L	1.9	1.41x0.72x1.08	490	50
K27	1500	24.1	26.5	4.4	K25U	1800	22.6	24.8	5.6	KDI2504M	4L	2.5	1.41x0.72x1.08	540	50
K33	1500	30	33	5.7	K30U	1800	28	30.7	7.2	KDI2504TM-30	4L	2.5	1.70x0.90x1.20	585	100
K44	1500	40	44	7.1	K40U	1800	36	40	8.5	KDI2504TM-40	4L	2.5	1.70x0.90x1.20	618	100
K66	1500	60	66	11.3	K60U	1800	54	60	13.6	KDI3404TM-61	4L	3.4	1.70x0.90x1.17	781	180

SINGLE PHASE SPECIFICATIONS

50 HZ - 230 V SPECIFICATIONS					60 HZ - 240 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
K6M	1500	5.7	6.4	1.9	-	-	-	-	-	KDW1003	3L	1.0	1.22x0.70x0.92	290	50
-	-	-	-	-	K9UM	1800	7.3	8	2.3	KDW1003	3L	1.0	1.41x0.72x1.02	330	50
K10M	1500	8.2	9	2.5	K12UM	1800	10	11	2.9	KDW1404	4L	1.4	1.41x0.72x1.02	350	50
K12M	1500	10.7	11.8	3.7	K16UM	1800	12.2	14.5	4.5	KDW1603	3L	1.7	1.41x0.72x1.02	440	50
K17M	1500	14.1	15.5	3.3	K20UM	1800	16.4	18	4.2	KDI1903M	3L	1.8	1.41x0.72x1.08	530	50
K26M	1500	23.6	26	5.7	K30UM	1800	27.3	30	7.3	KDI2504TM-30	4L	2.5	1.70x0.90x1.20	621	100
-	-	-	-	-	K40UM	1800	36	40	8.1	KDI2504TM-40	4L	2.5	1.70x0.90x1.07	636	100

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) Also available in the following voltages: 440/254 V - 220/127 V - 480/277 V
(3) PRP: Main power available continuously with variable load for an unlimited time in accordance with ISO 8528-1.
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) The dimensions and weights apply to a generating set specified in the price list, without options
(6) Dry weight - without fuel
* ISO 8528: power expressed in accordance with the legislation in force
M: Single phase - H: High speed (3000 rpm) - U: 60 Hz

PLUS PRODUCT

POWER AND COMPACTNESS COMBINED

The levels of performance provided by KOHLER Diesel KDI engines ensure our generating sets offer the optimum power to size ratio. This means they can be made more compact, thereby reducing transport and storage costs. For example, KOHLER-SDMO can now offer a 66 KVA/kWe generating set in a more compact enclosure (M137). By reducing the footprint, generating sets up to 66 kVA can now be stacked in a 40-foot shipping container (see p.17).

SOUNDPROOFED VERSION

K66 ▸ SOUNDPROOFED VERSION

K44 DW 48H ▸ SOUNDPROOFED VERSION
with double wall 48-hour tank

THREE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
K9	K9U	M125	50	1.48x0.76x1.03	390	-	-	-	83	67	54	64
K12	K12U	M126	50	1.75x0.78x1.23	510	93	36.8	31.7	83	67	54	64
K16	K16U	M126	50	1.75x0.78x1.23	580	93	25.1	20.7	91	74	61	69
K16H	-	M126	50	1.75x0.78x1.23	480	93	25.6	-	95	79	66	-
K21H	-	M126	50	1.75x0.78x1.23	520	93	19	-	96	80	67	-
K22	K20U	M126	50	1.75x0.78x1.23	660	93	26.6	22.5	88	71	58	67
K27	K25U	M126	50	1.75x0.78x1.23	710	93	19.8	16.7	93	76	64	68
K33	K30U	M137	100	2.10x0.94x1.28	773	240	39	32	93	75	63	68
K44	K40U	M137	100	2.10x0.94x1.28	806	240	30.7	27	93	76	64	68
K66	K60U	M137	180	2.10x0.94x1.28	978	240	21.2	17.6-	95	79	66	69

SINGLE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
K6M	-	M125	50	1.48x0.76x1.03	390	-	-	-	83	67	54	-
-	K9UM	M126	50	1.75x0.78x1.23	500	93	-	40.4	-	-	-	64
K10M	K12UM	M126	50	1.75x0.78x1.23	520	93	36.8	31.7	83	67	54	64
K12M	K16UM	M126	50	1.75x0.78x1.23	610	93	25.1	20.7	91	74	61	69
K17M	K20UM	M126	50	1.75x0.78x1.23	700	93	26.6	22.7	87	71	58	67
K26M	K30UM	M137	100	2.10x0.94x1.28	830	240	40.4	32.8	93	76	64	68
-	K40UM	M137	100	2.10x0.94x1.28	824	240	-	29.6	-	-	-	68

RANGE **PACIFIC**

POWER PRODUCTS
FROM 9 KVA TO 16 KVA
MITSUBISHI ENGINES

OPEN VERSION

T12K ▶ OPEN VERSION

T16K ▶ OPEN VERSION

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS					208 HZ - 120 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
T9HK	3000	-	9	2.6	-	-	-	-	-	L2E-SDH	2L	0.6	1.22x0.70x0.92	240	50
T12K	1500	10.5	11.5	2.5	T11U	1800	10.2	11.2	3.2	S3L2-SD	3L	1.3	1.41x0.72x1.05	387	50
T12HK	3000	-	12	4.2	-	-	-	-	-	L3E-SDH	3L	1.0	1.22x0.70x0.92	260	50
T16K	1500	14.5	16	3.4	T16U	1800	14.6	16	4.2	S4L2-SD	4L	1.7	1.41x0.72x1.05	406	50

SINGLE PHASE SPECIFICATIONS

50 HZ - 230 V SPECIFICATIONS					60 HZ - 240 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
T8HKM	3000	-	7.5	2.6	-	-	-	-	-	L2E-SDH	2L	0.6	1.22x0.70x0.92	220	50
T9KM	1500	7.8	8.6	2.5	T11UM	1800	9.1	10	3.2	S3L2-SD	3L	1.3	1.41x0.72x1.05	396	50
T11HKM	3000	-	10.5	2.6	-	-	-	-	-	L3E-SDH	2L	1.0	1.22x0.70x0.92	280	50
T12KM	1500	10.9	12	3.4	T16UM	1800	13.6	15	4.2	S4L2-SD	4L	1.8	1.41x0.72x1.05	406	50

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) Also available in the following voltages: 440/254 V - 220/127 V - 480/277 V
(3) PRP: Main power available continuously with variable load for an unlimited time in accordance with ISO 8528-1.
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) The dimensions and weights apply to a generating set specified in the price list, without options
(6) Dry weight - without fuel
* ISO 8528: power expressed in accordance with the legislation in force
M: Single phase - H: High speed (3000 rpm) - U: 60 Hz

FOCUS OPTIONS

- KOHLER-SDMO offers an optional double wall base frame allowing a maximum run time of up to 24 hours. With its double wall, the environment is protected against any possible fuel leak. It is the ideal option, perfect for use in isolated areas.

SOUNDPROOFED VERSION

T9HK ▸ SOUNDPROOFED VERSION

T16U DW 24H ▸ SOUNDPROOFED VERSION
with double wall 24-hour tank

THREE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
T9HK	-	M125	50	1.48x0.76x1.03	360	-	-	-	83	67	54	-
T12K	T11U	M126	50	1.75x0.78x1.23	530	93	37.2	29.1	87	71	58	65
T12HK	-	M125	50	1.48x0.76x1.03	380	-	-	-	83	67	54	-
T16K	T16U	M126	50	1.75x0.78x1.23	554	93	27.4	22.1	89	72	59	65

SINGLE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
T8HKM	-	M125	50	1.48x0.76x1.03	340	-	-	-	83	67	54	-
T9KM	T11UM	M126	50	1.75x0.78x1.23	544	93	37.2	29.1	87	71	58	63
T11HKM	-	M125	50	1.48x0.76x1.03	400	-	-	-	83	67	54	-
T12KM	T16UM	M126	50	1.75x0.78x1.23	630	93	27.4	22.1	88	72	59	65

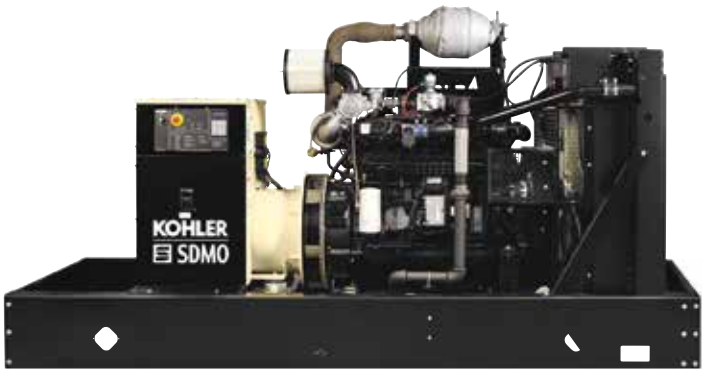
RANGE **NEVADA**

POWER PRODUCTS
FROM 50 KVA TO 400 KVA

KOHLER ENGINES | GAS-**POWERED**

OPEN VERSION

GZ50 ▶ OPEN VERSION



GZ200 ▶ OPEN VERSION

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS				GENERAL SPECIFICATIONS				
Generating sets[1]	kVA Cos ϕ 0.8		rpm	Engine			Open version	
	PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[5] (kg)
GZ50	-	50	1500	GMC850	8V	5.3	2.20x1.04x1.17	786
GZ60	-	59	1500	GMC857	8V	5.7	2.20x1.04x1.17	786
GZ80	-	87	1500	GMC857T	8V	5.7	2.80x1.12x1.38	1271
GZ100	-	92	1500	GMC857TIC	8V	5.7	2.80x1.12x1.38	1271
GZ125	-	127	1500	PSI88T	8V	8.7	2.80x1.12x1.54	1293
GZ150	-	146	1500	PSI48TIC	8V	8.7	2.80x1.12x1.54	1554
GZ180	160	176	1500	D111TIC-176	6V	11.0	3.58x1.35x1.85	2238
GZ200	196	216	1500	D111TIC-195	6V	11.0	3.58x1.35x1.85	2238
GZ250	250	275	1500	D146TIC	8V	14.6	3.50x1.75x2.00	2942
GZ300	300	330	1500	D183TIC-273	10V	18.3	3.47x1.68x2.38	3623
GZ350	318	350	1500	D183TIC-319	10V	18.3	3.47x1.68x2.38	3623
GZ400	345	380	1500	D219TIC	12V	21.9	3.90x1.95x2.38	3888

(1) Only available in 400/230 V
(2) The dimensions and weights apply to a generating set specified in the price list, without options
(3) PRP: Main power available continuously under variable load for an unlimited number of hours annually, in accordance with ISO 8528-1
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) Dry weight - without fuel

GAZ CARBURATION

FOCUS

THE GENERATING SET EQUIPPED WITH A DECISION-MAKER® 3000 CONTROL UNIT

Offering advanced control, a monitoring system and a diagnostic system for optimized performance.

SOUNDPROOFED VERSION

GZ125 ▸ SOUNDPROOFED VERSION

GZ60 ▸ SOUNDPROOFED VERSION

THREE PHASE SPECIFICATIONS

GENERATING SETS	STANDARD ENCLOSURE			NATURAL GAS CONSUMPTION (M3/H)				50 HZ SOUND LEVELS		
50 Hz	Enclosure	Dimensions lxwxh (m)	Weight (kg)	110% load	100% load	75% load	50% load	LWA	dB(A)@1m	dB(A)@7m
GZ50	SSE25-60	2.59x1.08x1.51	1100	17	16	13	10.3	92	73	62
GZ60	SSE25-60	2.59x1.08x1.51	1100	18.1	17.5	15	21	92	73	62
GZ80	SSE80-150	3.53x1.15x1.72	1518	29.7	28	23	18.5	92	75	64
GZ100	SSE80-150	3.53x1.15x1.72	1539	34.2	32	26	20.5	94	76	65
GZ125	SSE80-150	3.53x1.15x1.72	1732	35.6	33	26	20.5	100	81	70
GZ150	SSE80-150	3.53x1.15x1.72	1863	46.4	43	34	24.2	100	81	70
GZ180	SSE180-200	4.35x1.39x2.10	3064	48.3	43.6	34	23.7	99	79	68
GZ200	SSE180-200	4.35x1.39x2.10	3213	53.5	48.3	37	25.9	99	79	68
GZ250	SSE250	4.35x1.39x2.10	3711	70.4	36.8	49	34.2	95	75	64
GZ300	SSE300-350	6.31x2.23x2.86	5926	83.9	76.1	58	41.6	95	75	64
GZ350	SSE300-350	6.31x2.23x2.86	5926	88.1	79.9	60	46.8	96	75	64
GZ400	SSE400	7.23x2.49x2.86	6429	107.1	97	74	51.9	96	76	65

A simple modification to the control unit enables generating sets to be run on LPG.

GAZ CARBURATION

RANGE **MONTANA**

POWER PRODUCTS
FROM 22 KVA TO 250 KVA
JOHN DEERE ENGINES

OPEN VERSION

J110K ▶ OPEN VERSION
with optional APM403 control unit

J220K ▶ OPEN VERSION
with optional APM403 control unit

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS					60 HZ - 208 - 120 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
J22	1500	20	22	3.8	J20U	1800	18.2	20	6.5	3029DFS29	3L	2.9	1.70x0.90x1.18	649	100
J22LR	1500	20	22	3.8	-	-	-	-	-	3029DFS29-LR	3L	2.9	1.70x0.90x1.18	649	100
J33	1500	30	33	4.9	J30U	1800	27.2	30	6.5	3029DFS29	3L	2.9	1.70x0.90x1.18	654	100
J44K	1500	40	44	7.5	J40U	1800	36	40	8.7	3029TFS29	3L	2.9	1.70x0.90x1.24	705	100
J66K	1500	60	66	12	J60U	1800	54	60	14.5	4045TF120	4L	4.5	1.87x0.99x1.36	995	180
J77K	1500	70	77	12	J70U	1800	64	70	14.5	4045TF120	4L	4.5	1.87x0.99x1.36	1038	180
J88K	1500	80	88	14	J80U	1800	73	80	16	4045TF220	4L	4.5	1.87x0.99x1.36	1088	180
J110K	1500	100	110	16.5	J100U	1800	91	100	19	4045HF120	4L	4.5	1.95x1.08x1.33	1097	190
J130K	1500	120	132	18.5	J120U	1800	106	117	24	6068TF220	6L	6.7	2.37x1.11x1.48	1498	340
J165K	1500	150	165	25	J150U	1800	137	150	29	6068HF120-153	6L	6.7	2.37x1.11x1.48	1578	340
J200K	1500	182	200	31.3	J175U	1800	159	175	36.1	6068HF120-183	6L	6.7	2.37x1.11x1.48	1726	340
-	-	-	-	-	J200U	1800	182	200	36.9	6068HF475	6L	6.7	2.40x1.11x1.48	1766	340
J220K	1500	200	220	35.1	-	-	-	-	-	6068HSG22	6L	6.7	2.37x1.11x1.54	1715	340
J250K	1500	227	250	35.9	-	-	-	-	-	6068HFS55-228	6L	6.7	2.40x1.11x1.54	1800	340

SINGLE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS					60 HZ - 208 - 120 V SPECIFICATIONS					GENERAL SPECIFICATIONS					
Generating sets[1]	rpm	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets[2]	rpm	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version[5]		
		PRP [3]	ESP[4]				PRP [3]	ESP[4]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[6] (kg)	Tank (L)
-	-	-	-	-	J20UM	1800	18.2	20	6.5	3029DFS29	3L	2.9	1.70x0.90x1.18	688	100
-	-	-	-	-	J30UM	1800	25.5	28	6.5	3029DFS29	3L	2.9	1.70x0.90x1.18	723	100
-	-	-	-	-	J40UM	1800	36	40	8.7	3029TFS29	3L	2.9	1.70x0.90x1.24	719	100
-	-	-	-	-	J60UM	1800	55	60	14.5	4045TF120	4L	4.5	1.95x1.08x1.35	1097	190

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) Also available in the following voltages: 440/254 V - 220/127 V - 480/277 V
(3) PRP: Main power available continuously with variable load for an unlimited time in accordance with ISO 8528-1.
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) The dimensions and weights apply to a generating set specified in the price list, without options
(6) Dry weight - without fuel
* ISO 8528: power expressed in accordance with the legislation in force
LR: Long Running - M: Single phase - U: 60 Hz

FOCUS OPTIONS

BASE FRAME WITH 48-HOUR TANK!

For improved maximum run time, opt for the double wall base frame with a large capacity integrated fuel tank: ideal for isolated areas. This option combines the need for autonomy with security, making it possible for all of the generating set's fluids to be held.

SOUNDPROOFED VERSION

J100U DW 48H ▶ SOUNDPROOFED VERSION
with optional 48-hour tank

J200K ▶ SOUNDPROOFED VERSION

THREE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
J22	J20U	M137	100	2.10x0.94x1.28	837	240	46	35.4	92	75	62	68
J22LR	-	M137	100	2.10x0.94x1.28	837	240	46	-	92	75	62	-
J33	J30U	M137	100	2.10x0.94x1.28	842	240	46	35.4	91	74	62	68
J44K	J40U	M137	100	2.10x0.94x1.28	893	240	30.7	26.4	91	74	62	66
J66K	J60U	M128	180	2.30x1.06x1.68	1405	390	32.5	26.9	91	73	61	67
J77K	J70U	M128	180	2.30x1.06x1.68	1448	390	32.5	26.9	91	74	62	67
J88K	J80U	M128	180	2.30x1.06x1.68	1448	390	27.9	24.4	94	76	64	73
J110K	J100U	M129	190	2.55x1.15x1.68	1597	505	30.6	26.6	95	78	66	70
J130K	J120U	M226	340	3.51x1.20x1.83	2088	868	46.9	36.2	93	75	64	69
J165K	J150U	M226	340	3.51x1.20x1.83	2198	868	34.7	29.9	94	75	64	69
J200K	J175U	M226	340	3.51x1.20x1.83	2336	868	27.7	24.0	95	76	65	69
-	J200U	M226	340	3.51x1.20x1.83	2395	868	-	23.5	-	-	-	70
J220K	-	M226	340	3.51x1.20x1.83	2346	868	25.5	-	97	78	67	-
J250K	-	M226	340	3.51x1.20x1.83	2400	868	24.2	-	101	82	71	-

SINGLE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME		60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	60 Hz maximum run time (h)	dB(A)@7m
-	J20UM	M137	100	2.10x0.94x1.28	876	240	35.4	68
-	J30UM	M137	100	2.10x0.94x1.28	911	240	35.4	68
-	J40UM	M137	100	2.10x0.94x1.28	907	240	26.4	67
-	J60UM	M129	190	2.55x1.15x1.68	1497	390	26.9	67

RANGE

ATLANTIC

POWER PRODUCTS

FROM 275 KVA TO 700 KVA

VOLVO ENGINES

OPEN VERSION

V400C2 ▶ OPEN VERSION

SOUNDPROOFED VERSION

V275C2 ▶ SOUNDPROOFED VERSION

OPEN VERSION

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS				60 HZ - 208 - 120 V SPECIFICATIONS				GENERAL SPECIFICATIONS					
Generating sets(1)	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets(2)	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version(5)		
	PRP (3)	ESP(4)			PRP (3)	ESP(4)		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight(6) (kg)	Tank (L)
-	-	-	-	V250U	227	250	45.7	TAD734GE	6L	7.2	2.90x1.30x1.59	2260	390
V275C2	250	275	42.6	-	-	-	-	TAD734GE	6L	7.2	2.90x1.30x1.59	2200	390
V350C2	318	350	48	V300U	273	300	54	TAD1341GE	6L	12.8	3.16x1.34x1.76	3110	470
V400C2	352	387	58	V350U	319	350	69	TAD1342GE	6L	12.8	3.16x1.34x1.80	3060	470
V440C2	400	440	63.3	V400U	364	400	72.4	TAD1344GE	6L	12.8	3.16x1.34x1.80	3110	470
V500C2	455	500	69.2	-	-	-	-	TAD1345GE	6L	12.8	3.16x1.34x1.80	3250	470
V550C2	500	500	75.4	V500UC2	455	500	88.8	TAD1641GE	6L	16.1	3.47x1.50x2.05	3620	500
-	-	-	-	V550UC2	500	550	97.1	TAD1642GE	6L	16.1	3.47x1.63x2.09	3650	610
V650C2	591	650	85.2	-	-	-	-	TAD1642GE	6L	16.1	3.47x1.63x2.09	3780	610
V700C2	650	700	94.5	V600UC2	546	600	105.7	TWD1643GE	6L	16.1	3.47x1.63x2.05	4020	610

SOUNDPROOFED VERSION

THREE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
-	V250U	M227	390	4.00x1.38x2.15	3190	950	-	20.8	-	-	-	74
V275C2	-	M227	390	4.00x1.38x2.15	3130	950	22.3	-	97	78	67	-
V350C2	V300U	M228	470	4.48x1.41x2.43	4042	1368	28.5	25.3	97**	81	71	76
V400C2	V350U	M228	470	4.48x1.41x2.43	4170	1368	23.6	19.8	97**	81	71	76
V440C2	V400U	M228	470	4.48x1.41x2.43	4080	1368	21.6	18.9	98**	81	71	76
V500C2	-	M228	470	4.48x1.41x2.43	4360	1368	19.8	-	98**	81	71	-
V550C2	V500UC2	M229	500	5.03x1.56x2.44	4870	1770	23.5	19.9	97	76	66	75
-	V550UC2	M230	610	5.03x1.69x2.66	5170	1950	-	20.1	-	-	-	75
V650C2	-	M230	610	5.03x1.69x2.66	5300	1950	22.9	-	100	80	70	-
V700C2	V600UC2	M230	610	5.03x1.69x2.66	5550	1950	20.6	18.4	105	85	75	79

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) Also available in the following voltages: 440/254 V - 220/127 V - 480/277 V
(3) PRP: Main power available continuously with variable load for an unlimited time in accordance with ISO 8528-1.
(4) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(5) The dimensions and weights apply to a generating set specified in the price list, without options
(6) Dry weight - without fuel
* ISO 8528: power expressed in accordance with the legislation in force - ** with option CN09
U: 60 Hz

POWER PRODUCTS
FROM 275 KVA TO 830 KVA
DOOSAN ENGINES

OPEN VERSION

D830 ▸ OPEN VERSION

SOUNDPROOFED VERSION

D600U ▸ SOUNDPROOFED VERSION

OPEN VERSION

THREE PHASE SPECIFICATIONS

50 HZ - 400 - 230 V SPECIFICATIONS				60 HZ - 208 - 120 V SPECIFICATIONS				GENERAL SPECIFICATIONS					
Generating sets(1)	kVA Cos ϕ 0.8		Cons 3/4 L/h	Generating sets(2)	kWe ISO 8528*		Cons 3/4 L/h	Engine			Open version(5)		
	PRP (3)	ESP(4)			PRP (3)	ESP(4)		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight(6) (kg)	Tank (L)
D275	250	275	43.6	-	-	-	-	P126TI	6	11.1	2.90x1.30x1.67	2340	390
D300	273	300	43.6	D250U	227	250	52.3	P126TI	6	11.1	2.90x1.30x1.67	2410	390
D330	300	330	47.0	D300U	273	300	56	P126TI-II	6	11.1	3.16x1.34x1.59	2570	470
D440	400	440	65.1	D400U	364	400	74.7	P158LE	8	14.6	3.47x1.50x1.83	2910	500
D550	500	550	83.4	D500U	449	494	92.9	DP158LD	8	14.6	3.47x1.50x1.82	3220	500
D630	573	630	94.2	D550U	500	550	106.6	DP180LA	10	18.3	3.47x1.63x1.97	3465	610
D700	631	694	103.8	D600U	545	600	112	DP180LB	10	18.3	3.47x1.63x2.16	3700	610
D830	750	825	119.1	D750U	682	750	134.4	DP222LC	12	21.9	3.47x1.63x2.18	4080	610

SOUNDPROOFED VERSION

THREE PHASE SPECIFICATIONS

GENERATING SETS		STANDARD ENCLOSURE				ENCLOSURE WITH DOUBLE WALL BASE FRAME			50 HZ SOUND LEVELS			60 HZ SOUND LEVEL
50 Hz	60 Hz	Enclosure	Tank (L)	Dimensions lxwxh (m)	Weight (kg)	Fuel tank (L)	50 Hz maximum run time (h)	60 Hz maximum run time (h)	LWA	dB(A)@1m	dB(A)@7m	dB(A)@7m
D275	-	M227	390	4.00x1.38x2.15	3190	950	21.8	-	102	83	73	-
D300	D250U	M227	390	4.00x1.38x2.15	3260	950	21.8	18.2	102	83	73	78
D330	D300U	M228	470	4.48x1.41x2.43	3670	1368	29.1	24.4	101	81	71	75
D440	D400U	M229	500	5.03x1.56x2.44	4090	1770	27.2	23.7	105	85	75	79
D550	D500U	M229	500	5.03x1.56x2.44	4262	1770	21.2	19	104	84	74	80
D630	D550U	M230	610	5.03x1.69x2.66	5146	1950	20.7	18.3	108	88	78	82
D700	D600U	M230	610	5.03x1.69x2.66	5381	1950	18.8	17	108	88	78	82
D830	D750U	M230	610	5.03x1.69x2.66	5670	1950	16.4	14.5	108	88	78	78

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) Also available in the following voltages: 440/254 V - 220/127 V - 480/277 V
(3) PRP: Main power available continuously under variable load for an unlimited number of hours annually, in accordance with ISO 8528-1.
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(5) The dimensions and weights apply to a generating set specified in the price list, without options
(6) Dry weight - without fuel
* ISO 8528: power expressed in accordance with the legislation in force

RANGE

CLEAN POWER

THE ENVIRONMENTALLY RESPONSIBLE CHOICE

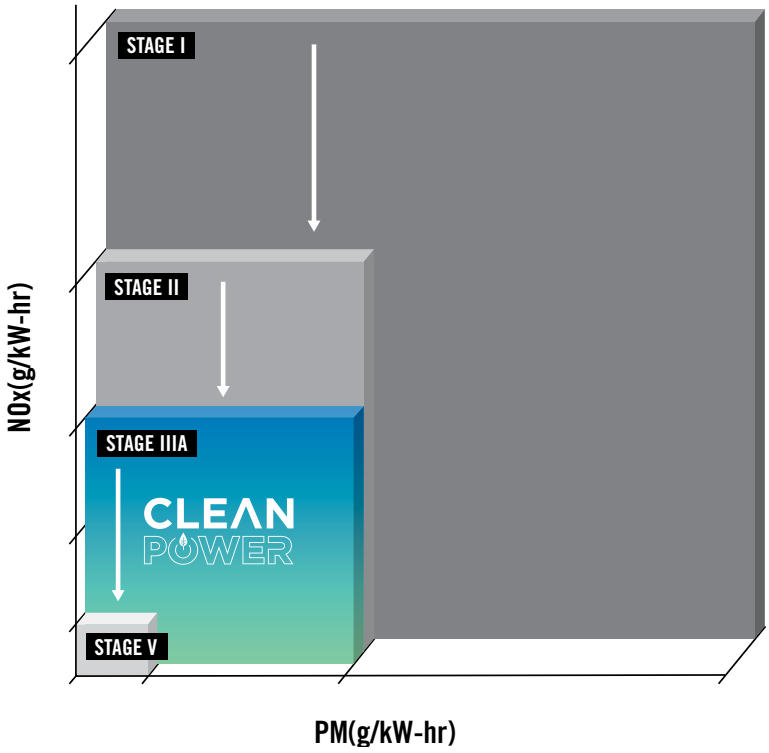
REDUCE THE POLLUTANT EMISSIONS, KEEP THE POWER

KOHLER-SDMO offers a Clean Power range of 10 generating sets equipped with low pollutant emissions engines

Do you want to reduce the environmental footprint of your industrial activities for outputs from 22 to 550 kVA?
This is now possible with the CLEAN POWER range, equipped with low pollutant emissions engines (equivalent to the old STAGE IIIA certification)

By making this option available for stationary installed generating sets, KOHLER-SDMO is going beyond the European regulations, which only makes this a requirement for mobile generating sets.

GENERATING SET POWER	STAGE IIIA EMISSIONS STANDARD
from 20 to 41 kVA	7.5 NOx (g/kw-hr) / 0.6 PM (g/kw-hr)
from 41 to 84 kVA	4.7 NOx (g/kw-hr) / 0.4 PM (g/kw-hr)
from 84 to 146 kVA	4.0 NOx (g/kw-hr) / 0.4 PM (g/kw-hr)
from 146 to 630 kVA	4.0 NOx (g/kw-hr) / 0.2 PM (g/kw-hr)



50 HZ - 400 - 230 V SPECIFICATIONS				GENERAL SPECIFICATIONS						ENCLOSURES	50 HZ SOUND LEVELS			POLLUTANT EMISSIONS			
Generating sets[1]	kVA Cos ϕ 0.8		Cons 3/4 L/h	Engine			Open version[4]			Enclosures	LWA	dB(A)@1m	dB(A)@7m	PM (g/kW.h)	CO (g/kW.h)	HC+Nox (g/kW.h)	HC (g/kW.h)
	PRP [2]	ESP[3]		Engine type	Cyl	Cyl (L)	Dimensions lxwxh (m)	Weight[5] (kg)	Tank (L)								
K22C3	19.5	21.5	3.3	KDI1903M	1.86	3	1.41x0.72x1.08	490	50	M126	88	71	58	0.20	2.38	6.71	-
K33C3	30	33	5.7	KDI2504TM-30-EU	2.48	4	1.70x0.90x1.20	585	100	M137	90	76	63	0.28	1.08	5.42	-
K44C3	40	40	7.3	KDI2504TM-40-EU	2.48	4	1.70x0.90x1.20	618	100	M137	91	76	64	0.28	1.08	5.42	-
J66C3	60	66	12.4	4045HFS85-IND	4.48	4	1.87x0.99x1.36	995	180	M137	91	73	61	0.23	0.62	4.16	0.23
J110C3	100	110	19.6	4045HFS87-IND	4.48	4	1.95x1.08x1.46	1187	190	M129	97	79	67	0.17	1.29	3.54	0.15
J165C3	150	165	24.5	6068HFS85-IND	6.72	6	2.37x1.11x1.48	1578	340	M226	96	77	66	0.10	1.15	3.68	0.13
J220C3	200	220	37.6	6068HFS86-IND	6.72	6	2.37x1.11x1.54	1756	340	M226	97	78	67	0.10	1.15	3.68	0.13
V350C3	318	350	51.5	TAD1351GE	12.78	6	3.16x1.34x1.80	3103	470	M228	97	77	67	0.14	0.90	3.71	0.15
V440C3	400	440	66.7	TAD1355GE	12.78	6	3.16x1.34x1.80	3110	470	M228	98	78	68	0.14	0.93	3.61	0.19
V550C3	500	550	79.8	TAD1651GE	16.12	6	3.47x1.63x2.10	3650	610	M230	101	81	71	0.14	0.77	3.63	0.14

(1) Also available in the following voltages: 415/240 V - 380/220 V - 220/127 V - 200/115 V
(2) PRP: Main power available continuously under variable load for an unlimited number of hours annually, in accordance with ISO 8528-1.
(3) ESP: Standby power available for emergency use under variable load, in accordance with ISO 8528-1; no overload available under this service.
(4) The dimensions and weights apply to a generating set specified in the price list, without options
(5) Dry weight - without fuel
C3: Clean Power range

NEW INDUSTRIAL RANGE DESIGN

REVAMPED DESIGN AND ERGONOMICS FOR IMPROVED PERFORMANCE

The KOHLER-SDMO Industries design office has combined forces to offer you a new enclosure design for generating sets in the industrial range. Their aim?

To optimize the performance of the generating sets, whilst offering you better ergonomics and more modularity in a more compact package.

SMALL FOOTPRINT, HIGH PERFORMANCE!

Thanks to our innovative engineering, the new range of enclosures further reduces the footprint of the generating set. The result? Generating sets which can be installed in confined spaces, and reduced transport and storage costs. In fact, KOHLER-SDMO Industries now offers a 66 kVA generating set in the same enclosure as 22, 33 and 44 kVA generating sets.

By reducing the footprint, generating sets up to 66 kVA can also be stacked in a 40-foot shipping container.

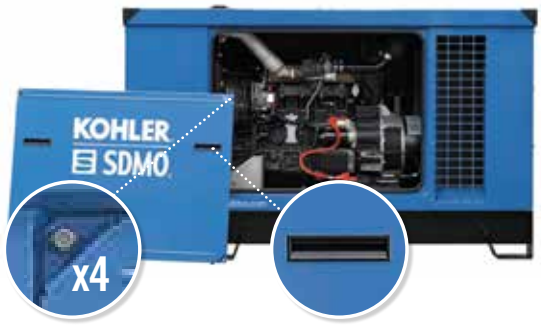
OPTIMIZED ERGONOMICS

Simplified access to the generating set

Door opening has been optimized to facilitate maintenance operations (checking levels, replacing filters, etc.)

Wide removable maintenance panel

Secured by 4 captive screws, this dedicated panel provides the maintenance engineer with unobstructed access to carry out service and maintenance on the generating set



NEW PLUG & PLAY FUNCTIONS!

Easy to install plug & play accessories, supplied with instructions, making them suitable for any market.

- Lifting eye
- Engine preheating
- Silencer
- Earthing protection (fixed or adjustable)
- Report pack
- Wide range of changeover switches with control system

OPTIONS

MODULAR GENERATING SETS, AN ADAPTED RESPONSE

For each of its generating sets, KOHLER-SDMO offers a broad range of options to facilitate maintenance operations, enhance user safety and provide solutions for specific use requirements or unusual environments.

OPTION SPECIFICATIONS BY RANGE

	ADRIATIC	PACIFIC	NEVADA	MONTANA	ATLANTIC	OCEANIC
Protection of hot parts	0	0	0	0	0	0
Diesel separator pre-filter	0	0	X	0(7)	•	0
Battery isolating switch	0	0	X	0	0	0
Automatic pack	0	0	0	0	0	0
Electronic governor	0	0	•	0	•	•
Automatic filling kit	0(1)	0(1)	X	0(1)	0(1)	0(1)
Drainage pump	0	0	X	0	•	0
Analog measurements display	0	0	•	0	•	•
Oversized alternator	X	0(2)	X	0(3)	0(4)	0(5)
Air discharge duct	0	0	X	0	0	0
9 dB(A) silencer in open version	•(6)	•(6)	X	•(6)	•(6)	•(6)
High run time, double wall base frame	0	0	X	0	0	0
Base frame with 48-hour tank	0	X	X	0	X	X
40 dB(A) silencer	0	0	•	0	0	0

• Standard
0 Optional
X Not available
* for all generating sets except for M125 enclosures

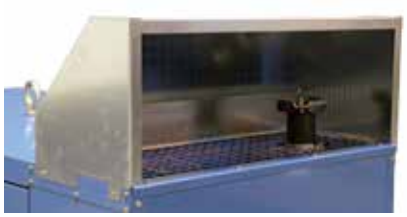
(1) Not possible on 48-hour and double wall base frame
(2) Option not available for 3000 rpm and T30UM, T40U, T40UM, T44K generating sets
(3) Option not available for J20UM, J30UM, J40U, J44K, J70U, J80U and J88K generating sets and on the covered version of the J220C2 set
(4) Option not available on the covered versions of V600UC2 and V700C2 sets
(5) Option not available for the D700 and on the covered versions of the D500U, D550 and D600U sets
(6) 29 dB(A) and 40 dB(A) silencer available as an option
(7) Standard on the J220K

ANALOG DISPLAY OF VALUES

This option enables the oil pressure and the water temperature to be displayed on the APM303 or APM403 screen. In some cases, this is on an additional display.

AIR DISCHARGE DUCT

Metal elbow-shaped box section which enables the air to be discharged from the top of the enclosure towards the front of the generating set.



BATTERY ISOLATING SWITCH

Battery isolating switch with a rotating handle control to easily isolate the battery when storing the generating set.

1 PROTECTION OF HOT PARTS

Protective grille for hot parts (exhaust manifold) on the Diesel engine and rotating parts. This option ensures the user's safety during maintenance operations. Mandatory option within the European community (European directive).

1 ▶

2 OVERSIZED ALTERNATOR

For use under heavy electrical or climate constraints, this option allows greater operating flexibility for a better guarantee of performance.

2 ▶

3 DRAINAGE PUMP

Manual oil drainage pump for easier servicing of the generating set during maintenance. Standard option on enclosed generating sets.

3 ▶

4 SILENCER ON OPEN VERSION

For "open" version generating sets, a choice of 3 noise reduction levels are available (9 dB(A), 29 dB(A), 40 dB(A)) to meet the installation constraints.

AUTOMATIC PACK

This includes a preheating resistor and a battery charger. This is an engine preheating device which uses an electrical resistor. Preheating is self-adjusting up to 200 KVA and thermostat-controlled for outputs above this. This option is ideal for generating sets used as back-up. It allows the coolant to be maintained at a temperature of 40°C to facilitate emergency start-up and save time when commissioning the generating set.

4 ▶

5 DIESEL SEPARATOR PRE-FILTER

This is a pre-filter enabling water contained in the diesel to be removed, thereby improving the engine's protection.

5 ▶

6 FILTER WITH INTERCHANGEABLE CARTRIDGE

This is a dry air filter with a removable and interchangeable cartridge for dusty environments which can be removed and cleaned with an air gun, if required. This option is required when the generating set is used in dusty environments.

6 ▶

7 AUTOMATIC FILLING KIT

This is an automatic kit for filling the tank from an external storage tank. It includes:
- An electric pump with automatic control governed by a gage with level contacts
- A manual back-up pump

Extended use possible without having to top up the diesel. It is particularly well suited for use in isolated areas.

ELECTRONIC GOVERNOR

Electronic speed regulator with control unit enabling precise control of speed, and therefore the frequency, to +/- 1 %. This regulator is factory fitted as standard on some engines. This option allows the quality of the signal to be improved for better operation of sensitive equipment.

7 ▶

CONTROL UNITS

DEC3000, APM303*, APM403*, APM802*: KOHLER-SDMO EXCLUSIVE

KOHLER-SDMO offers a unique range of specific control units:

DEC3000, APM303, APM403 and APM802. These control units offer a wide range of possibilities, from simplified running to the option of managing the most complex coupling operations, and can be adapted to suit every need.

POWER PRODUCTS	DEC3000	APM303	APM403	APM802
ADRIATIC RANGE	X	•	X	X
PACIFIC I RANGE	X	•	X	X
NEVADA RANGE	•	X	X	X
MONTANA RANGE	X	•	0*	X
ATLANTIC	X	X	•	0
OCEANIC	X	X	•	0
PACIFIC II	X	X	•	0
KD SERIES	X	X	•	0

• Standard X Not available 0 Optional * From 77 kVA for the solo version and 130 kVA for the coupling version

COMPARISON OF THE 3 CONTROL UNITS

SPECIFICATIONS	APM303	APM403	APM802
DISPLAY			
Frequency	•	•	•
Phase to neutral voltages	•	•	•
Phase to phase voltages	•	•	•
Currents	•	•	•
Active/reactive/apparent power	•	•	•
Power factor	•	•	•
Mains power detection	X	•*	•
Battery voltage:	•	•	•
Battery current	X	0	0
Start-up delay	•	•	•
Fuel level	•	•	•
Oil pressure	•	•	•
Coolant temperature	•	•	•
Oil temperature	X	0	0
Total working hours counter	•	•	•
Partial working hours counter	X	•	•
Total active/reactive energy meter	•	•	•
Generating set speed	•	•	•
FAULT INFORMATION (fault or alarm)			
Min/max alternator voltage	•	•	•
Min/max alternator frequency	•	•	•
Min/max battery voltage	•	•	•
Overload and/or short circuit	•	•	•
Active/reactive power return	X	•*	•
Oil pressure	•	•	•
Coolant temperature	•	•	•
Speed too high	•	•	•
Speed too low	•	•	•
Low fuel level	•	•	•
Emergency stop fault	•	•	•
Non-starting fault	•	•	•
Charging alternator fault	•	•	•
Earthing relay activation fault	0	•	•
General alarm	•	•	•
General fault	•	•	•
Sound alarm	0	0	•
Fully compatible with SAE J1939	X	•	•

* Advanced Power Management

SPECIFICATIONS	APM303	APM403	APM802
OPERATION			
Power ON	0	•	X
Manual generating set starting	•	•	•
Automatic generating set starting	•	•	•
Generating set shut down	•	•	•
Emergency stop	•	•	•
Menu navigation using color touch screen	X	X	•
Navigation in menu using button	•	•	X
Speed adjustment	0	0** / •*	•
Voltage adjustment	0	0** / •*	•
Controller redundancy	X	X	0
Dual frequency	X	•	0
Delayed start programming	X	•	0
Multilingual using pictograms	•	X	X
Multilingual text	X	•	•
CONNECTIVITY			
MODBUS TCP/IP	X	0	•
RS485 (MODBUS RTU protocol)	•	•	•
SNMP protocol	X	0	X
Local WEB access	X	0	X
Remote WEB access	X	0	X
USB port (config and software downloading)	•	•	•
Remote control HMI	X	X	0
COUPLING			
Stopped	X	X	•
Under load	X	•*	•
Continuity of the power plant in the event of a failure in communication between control units	X	•*	•
Power management of the plant "Start up and shutdown of one or several generating sets based on the power requested by the installation"	X	•*	•
Short-term synchronising of grid Out/Return	X	•*	•
Power plant paralleling to grid (temporary, permanent, etc.)	X	X	•
GENERAL			
Downloading of a customized configuration via USB port	•	•	•
Download of the firmware configuration + existing settings via USB port	•	•	•

• Standard X Not available 0 Optional * APM403P (coupling version) ** APM403S (solo version)

CONTROL UNITS

APM303,
THE ESSENTIALS MADE SIMPLE

The APM303 is a versatile unit equipped with a particularly intuitive LCD screen. It offers high-quality basic functions, allowing easy and reliable operation of your generating set. This unit is mounted on a central console on all generating sets designed for LV industrial applications with and without a source transfer switch.

PLUS PRODUCT

- **RS485 SUPERVISION**

  MODBUS RTU supervision is available as standard via an RS485 link. This link can be configured for the customer's installation.

- Ergonomic, universal LCD screen
- Alarm/fault report indicator
- STOP/START/AUTO keys and AUTO mode indicator
- Screen scroll keys
- Generating set operating indicator

FUNCTIONS

Manual and automatic mode (with auto start input)
Generating set protection and management
Electrical measurements, including output (option)
Mechanical value measurements (option)
Automatic voltage and frequency detection
Secure configuration on the APM303 or on PC

CONNECTIVITY

2 configurable reports
MODBUS RTU RS485
USB port

OPERATION CONDITIONS

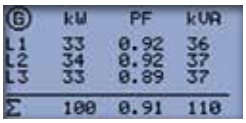
Front of IP54 controller
Protection against humidity and dust with tropicalized varnish

MEASUREMENTS

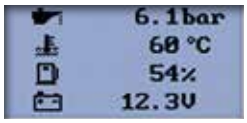
LCD display examples

- Overview display

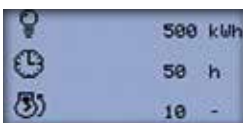
- Current and voltage



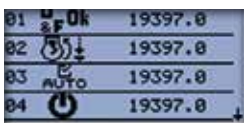
- Outputs



- Mechanical measurements



- Counters

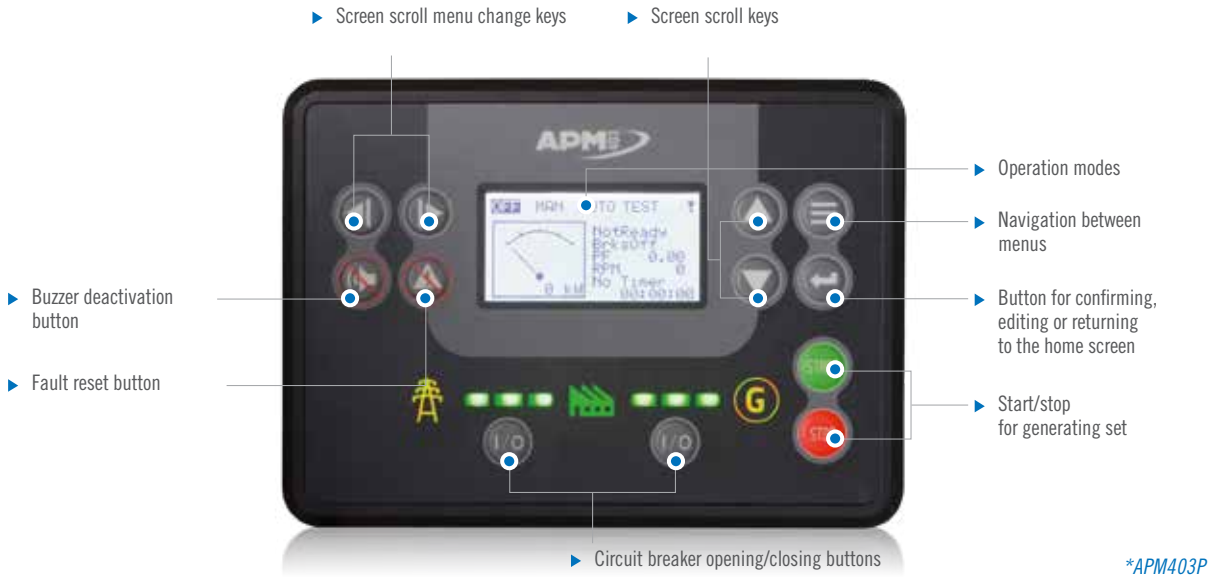


- History and alerts

CONTROL UNITS

APM403,
INTUITIVE, SIMPLE AND CONNECTED

DESCRIPTION OF THE APM403*



*APM403P

ADVANTAGES OF THE APM403

FLEXIBLE CONFIGURATION

- Technical solution which can be broken down for multi configuration – SOLO or PARALLELING applications (up to 8 generating sets)
- Specific application variables can be customized.

FOCUS

▸ APM403S

The APM403S is dedicated to SOLO operation only.
No grid electrical measurements or associated circuit breaker control.

FLEXIBLE COMMUNICATION TOOLS

- Remote configuration and supervision thanks to the WEBSUPERVISOR application (optional)
- Standard communication tools:
  - CAN USB Host, USB device, RS485
  - MODBUS, RTU
- Optional:
  - 4G, Ethernet, GPRS, Airgate
  - TCP/IP, SNMP protocol

INTUITIVE NAVIGATION AND SIMPLIFIED GENERATING SET OR POWER PLANT OPERATION

- Multilingual support
- Simple, intuitive configuration specific to operating scenarios

CONTROL UNITS

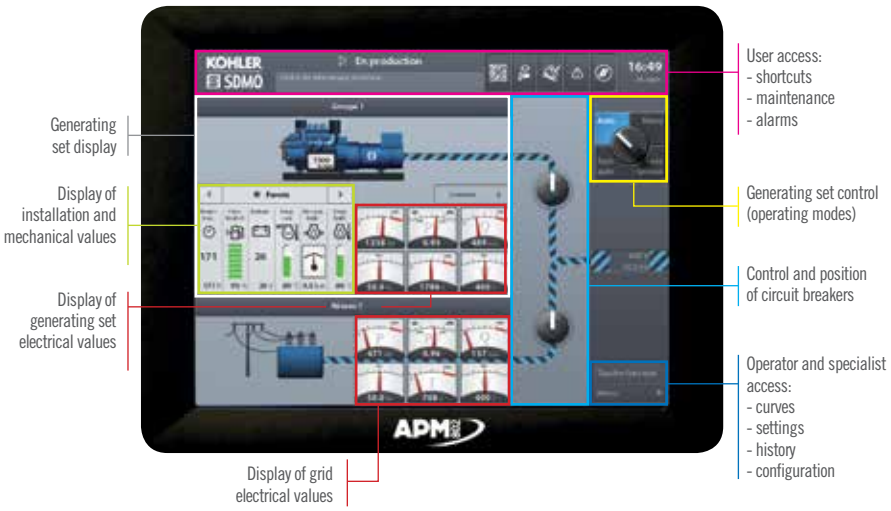
APM802,
DEDICATED TO POWER PLANT MANAGEMENT

Fully developed by KOHLER-SDMO, the APM802 command/control system is specifically designed for operating and monitoring power plants for hospitals, data centers, banks, the oil and gas sector, industries, IPP, rental, mining, etc. The human machine interface, created in collaboration with a company specializing in interface design, has a large 100% touch screen to facilitate operations. The pre-configured system for power plant applications features a brand new customization function that complies with the international standard IEC 61131-3.

PLUS PRODUCT

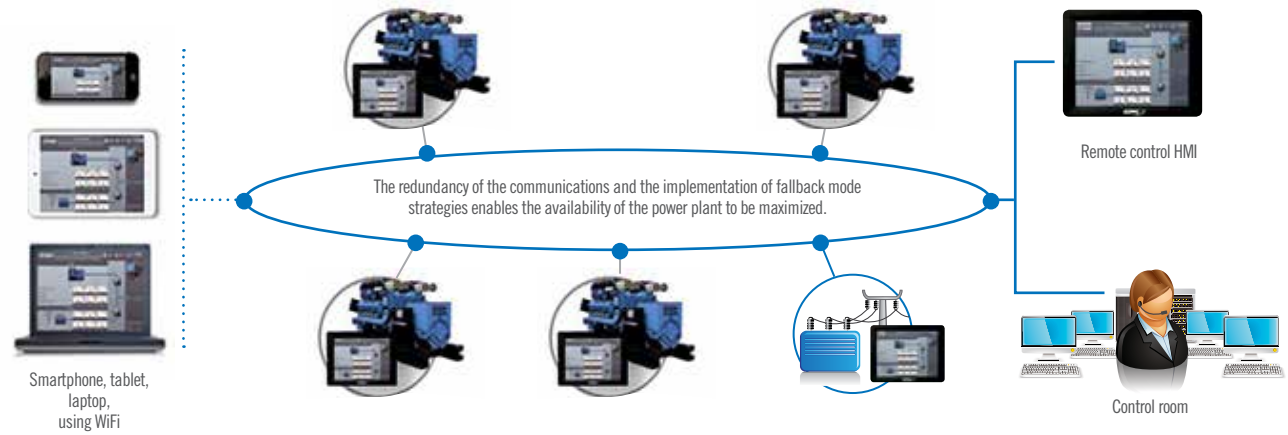
INTUITIVE AND ERGONOMIC TO USE

The ergonomics of the APM802 has been carefully designed in conjunction with users to ensure optimum user comfort. The operator is guided through how to operate the product according to their access level, making it easy to get started and reducing the risk of errors.



THE APM802 FOR ENHANCED COMMUNICATIONS

Communication via the APM802 guarantees a high level of equipment availability and facilitates the remote control of the HMI to enhance its use. Additionally, various connections can be made via the Ethernet, using fiber optics or combined with copper wire. For full control of risk management, the system communications are separate from the external communications.



The ring is created by several Ethernet segments and groups together regulation and PLC communications.
The APM802 can be integrated into a central console, into a built-in control unit, directly on the generating set, or in a separate cabinet, to adapt to all installation constraints. An assurance of innovation, the APM802 is protected by copyrights and two patents.

POWER MODULES

CENTRAL CONSOLES, AIPR, VERSO

CENTRAL CONSOLES

Up to 630 A, the power modules are integrated into the central consoles. The extra-flexible cables between the central console and the alternator are fitted in a corrugated insulating sleeve. For motorized versions, the circuit breaker will be directly integrated into the AIPR.

POWER MODULE SPECIFICATIONS

POWER OUTPUT	2 POLES	3 POLES	4 POLES
Modular circuit breaker from 10 A to 125 A	•(2)	0(1)	•
Fixed unit circuit breaker 160 A to 630 A	X	•	0

(1) As standard for some neutral connections
(2) Only for single phase generating sets
• Standard X Not available 0 Optional

AIPR

Above 630 A, power modules called AIPRs are separate from the control/command. These control boxes are fitted on the generating set base frame, and connected to the alternator.

	AIPR
With manual control on the front panel	
3-pole open circuit breaker	•
4-pole open circuit breaker	0
Motorized control option*	
With 3-pole circuit breaker, open type	0
With 4-pole circuit breaker, open type	0
Other specifications	
Power connection bus bars	•
Protection rating	IP23

* The motorized control comprises: a closing electromagnet, a transmitting coil and an AC motor
• Standard 0 Optional

VERSO

In industrial applications, the transfer of the main source to the replacement source is crucial to the running of your installations. The Verso is the perfect solution for this requirement: **from 35 to 160 A, the Verso 100 and 150D, and from 200 A to 3200 A, the Verso 200.**

VERSO 100	VERSO S Single phase				VERSO S Three phase					VERSO D				
Ratings (A)	63	100	125	160	35	63	100	125	160	35	63	100	125	160
Type	Single phase				Three phase					Three phase				
Nominal voltage/frequency	230 V / 50-60 Hz				127 / 230 V / 50-60 Hz _ 230 / 400 V / 50-60 Hz					127 / 230 V / 50-60 Hz _ 230 / 400 V / 50-60 Hz				
Display and setting	Potentiometer				Potentiometer					Via LCD display				
Voltage drop tolerated	20 % of the nominal voltage @230 V				20 % of the nominal voltage @400 V					30 % of the nominal voltage @400 V				
Voltage range supported	176 - 288 V									160 - 305 V				
Protects against a change in the phase rotation direction	X				•					•				
Protection in "0" position	X				X					Rapid automatic protection available for D versions				
Lightning arrester	X				X					0				
Confirmation of mains return	•				•					•				
FOR FRANCE ONLY	•				•					•				
Protection rating	IP54				IP31					IP54				
Dimensions (h x l x d) in mm	410 X 305 x 150				385 x 385 x 193					600 x 400 x 200				

VERSO 150D			
Ratings (A)	63	100	160
Type	Three phase		
Nominal voltage/frequency	230/400 V 50 Hz		
Display and setting	Potentiometer		
Voltage drop tolerated	30 % of the nominal voltage, 400 V		
Voltage range supported	320/480 Vac between phases		-
Protects against a change in the phase rotation direction	•		
Protection in "0" position	•		
Lightning arrester	0		
EJP pack (for France only)	X		
Confirmation of mains return	X		
Protection rating	IP65		
Dimensions (h x l x d) in mm	500 x 400 x 200		500 x 500 x 250

VERSO 200			
Ratings (A)	200, 250, 400, 630	800, 1000, 1250, 1600*	2000, 2500, 3200
Type	Three phase		
Nominal voltage/frequency	127 / 230 V / 50-60 HZ _ 230 / 400 V / 50-60 HZ		
Configuration	Auto-configuration of voltage/frequency min/max and configurable thresholds		
Display and setting	By LCD – Supplied with manually operated key – Can be padlocked in manual mode		
Voltage drop tolerated	30 % of the nominal voltage @400 V		
Protects against a change in the phase rotation direction	0		
Lightning arrester	0		
EJP pack (for France only)	•		
Confirmation of mains return	0		
Protection rating	IP20 (55 on request)	IP55	IP55
Inputs/outputs	3 configurable dry contact inputs/2 configurable relay outputs		
Dimensions (h x l x d) in mm	805 x 620 x 485 mm IP55: 1600 x 606 x 442 mm	2000 x 806 x 642 mm *1600 A: 2000 x 1006 x 642 mm	2000 x 806 x 542 mm

• As standard X Not available 0 Optional

X-PRESS RANGE

STANDARD GENERATING SETS HELD IN STOCK

Thirty 50 Hz models from 9 to 830 kVA and twenty-six 60 Hz models from 9 to 750 kW in the Power Products range are held in stock around the world and can be delivered to you within very short lead times. These generating sets are available in open or enclosed versions. Aftermarket options are available to order (silencers, differential protection, ATS, Service First, etc.)

ORDER DIRECTLY BY MAIL

You can place your order directly by mail using the form attached to the stock list sent each week.Cut out the middle man! Your order is registered and shipped in the quickest possible time.

PLANNING PRODUCTION STORAGE

Ordering a generating set during the planning or production phase
reduces the lead time to the minimum

Ordering a generating set available on the platform
means it is available immediately

50 HZ CONFIGURATION AVAILABLE

	9 TO 220 KVA		300 TO 830 KVA	
	OPEN	ENCLOSED	OPEN	ENCLOSED
4-pole circuit breaker	•	•	•	•
Control unit	APM303	APM303	APM403	APM403
Card for measurement	•	•	•	•
Auto pack	•*	•*	•	•
Prewiring for auto start-up	•	•	•	•
CE label	•	•	•	•
Silencer	•	•	X	•

* For ADRIATIC generating sets from 22 to 44 kVA and MONTANA sets from 33 to 66 kVA, the preheating wiring harness is supplied separately.
• Included X Not available

60 HZ CONFIGURATION AVAILABLE

	9 TO 60 KW SINGLE PHASE		11 TO 250 KW THREE PHASE		250 TO 750 KW THREE PHASE	
	OPEN	ENCLOSED	OPEN	ENCLOSED	OPEN	ENCLOSED
Circuit breaker	2 poles	2 poles	3 poles	3 poles	3 poles	3 poles
Control unit	APM303	APM303	APM303	APM303	APM403	APM403
Card for measurement	•	•	•	•	•	•
Prewiring for auto start-up	•	•	•	•	•	•
Silencer	•	•	•	•	•	•
Analog pack	•(1)	•(1)	•(1)	•(1)	•	•

• Included X Not available (1) Except PACIFIC range

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INDUSTRIAL RANGE DATA APP.
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