

KOHLER POWER GENERATORS

From 16 to 850 kVA

KOHLER
POWER SYSTEMS

KOHLER

850

COMPLETE AIR
& POWER SOLUTIONS



CAPS AUSTRALIA COMPLETE AIR & POWER SOLUTIONS

CAPS Australia is a privately owned and proud Australian company intent on remaining at the forefront of compressed air, gas generation and power generation solutions.

WHO IS CAPS AUSTRALIA?

- Over **40 years of experience** in the Australian market.
- **9 branches** reach right around the country with **over 160 employees**.
- **60 service technicians** covering the full national footprint with a **24/7 service** offering.
- A vast inventory of **spare parts**.
- An **independent company** with the flexibility to search globally for the best products and technologies that best serve the **Australian market's needs**.
- CAPS has world-renowned partner brands such as Ingersoll Rand, Kohler, AIRMAN, Sauer, Pedro Gil and many more.
- **Custom design, manufacturing, supply and service**
- ISO 9001 accredited facilities

WHO DO WE SERVE?

- Mining
- Manufacturing
- Food and beverage
- Waste water treatment
- Oil and gas
- And many more throughout Australia and internationally, having exported turn-key packages to over 35 countries.



"At CAPS, we think outside the box to develop integrated, agile solutions that are designed around the specific need of our customers."



RELIABLE POWER ANYTIME, ANYWHERE

CAPS supplied KOHLER power generators have endured the industry's toughest testing processes, ensuring safety and performance in even the harshest conditions.

Our power systems are used in Australia's most demanding applications, powering everything from petrol stations to hotels and hospitals, as well as military operations and airports. You can rest assured that our products will work when you need them the most.

PRIME OR STANDBY, KOHLER HAS YOU COVERED

With the threat of utility infrastructure failures and severe weather events during storm and bushfire seasons, Australian businesses are exposed to the risks associated with a potentially unreliable power supply. What will the impact be on your business if the power goes off for hours or days? In the event of a power outage, KOHLER generators keep your property or business comfortable, safe and secure; giving you the confidence that you always have a standby power solution ready to support you.

KOHLER generators are not just suited for standby applications - they are also ideal as a prime power source for homes, businesses and agricultural properties who do not have consistent access to utility power.



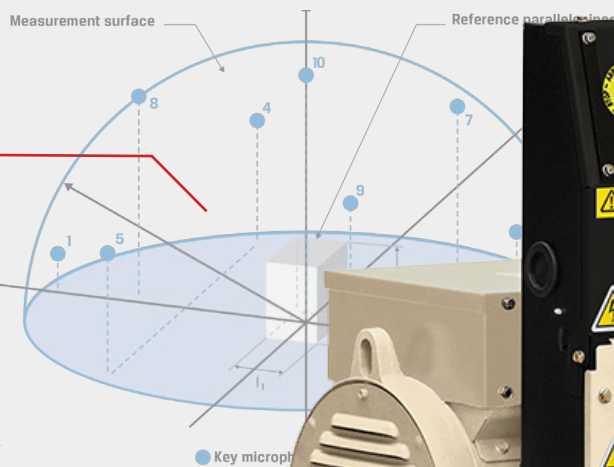
KOHLER generators can be found all around Australia and the world, powering universities, airports, data centres, water treatment plants, emergency services, hospitals, commercial buildings and more.

7 KEY POINTS THAT MAKE THE DIFFERENCE

KOHLER invests heavily in research and development; guaranteeing that your energy solution is the best performer in the market. Here are just seven key factors that make KOHLER power systems a cut above the competition.

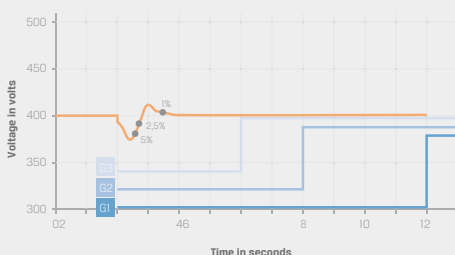
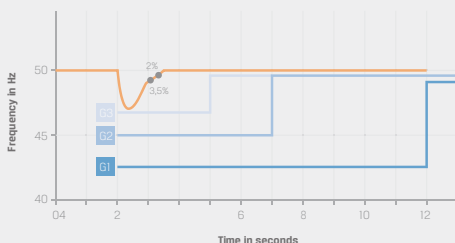
OPTIMISED SOUND LEVEL

Complete control of sound levels is an especially important criteria for installations in urban environments (hospitals, nursing homes, shopping centres, and so on). Noise reduction is a non-negotiable priority for KOHLER standard products, with 11 point testing to ensure they comply with the most stringent of standards.



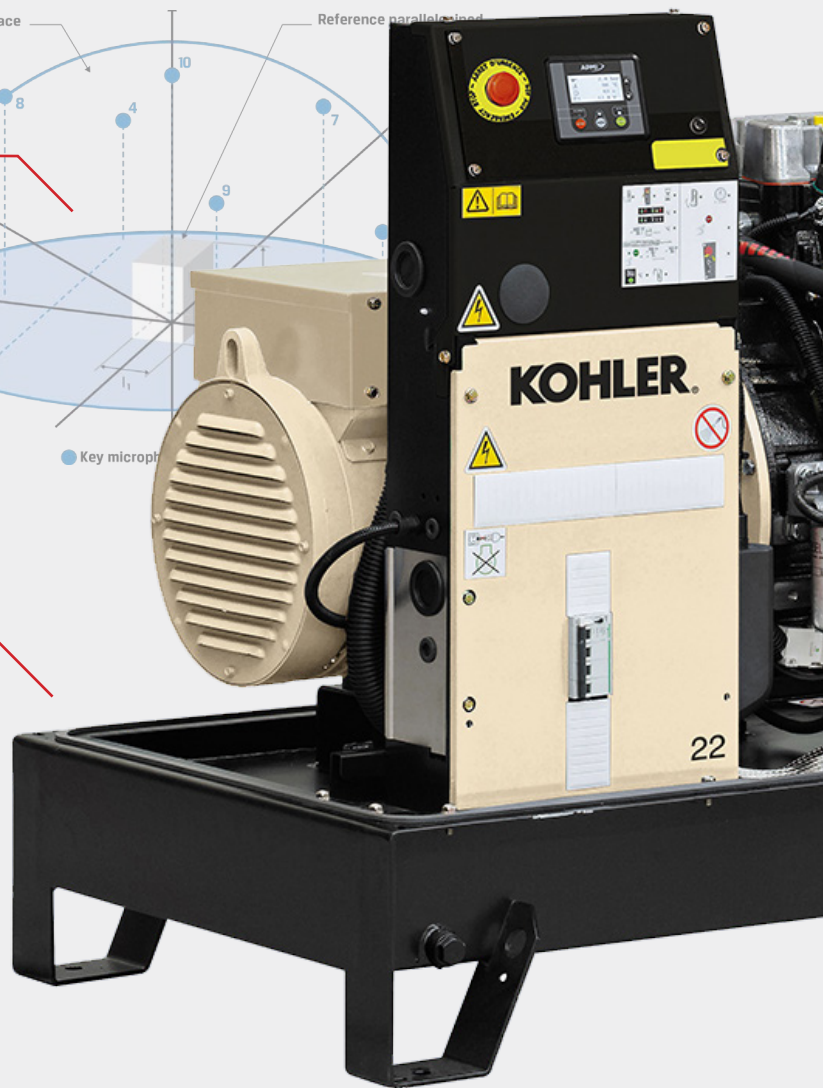
ECONOMIC CONSUMPTION

When compared to an equivalent generator engine, KOHLER offers significant fuel savings with optimised consumption technology.

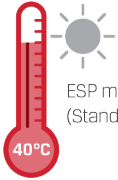


LOAD SURGE PROTECTION

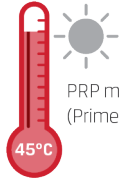
KOHLER generators absorb load impacts during transient phases, whilst retaining the quality of the electricity produced in terms of frequency and voltage.



TEMPERATURE CONTROL



ESP mode
(Standby Power)



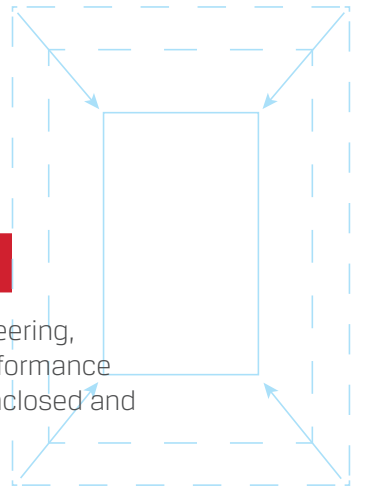
PRP mode
(Prime Power)

KOHLER has a minimum air to boil (ATB) level of 40°C in standby mode, and 45°C when used as the prime source. At those temperatures the generator will deliver 100% of its capacity, without a drop in power.

In ambient air up to 55°C, KOHLER generators will still operate comfortably and only lose a very small percentage of power capacity.

COMPACT FOOTPRINT

Thanks to their innovative engineering, KOHLER generators pack big performance into a compact frame, in both enclosed and open versions.



RIGOROUS TESTING

All KOHLER generators are tested in line with the most stringent ISO standards. The France-based laboratory is one of only two in the world accredited for conducting tests on generators with outputs exceeding 10 kW.

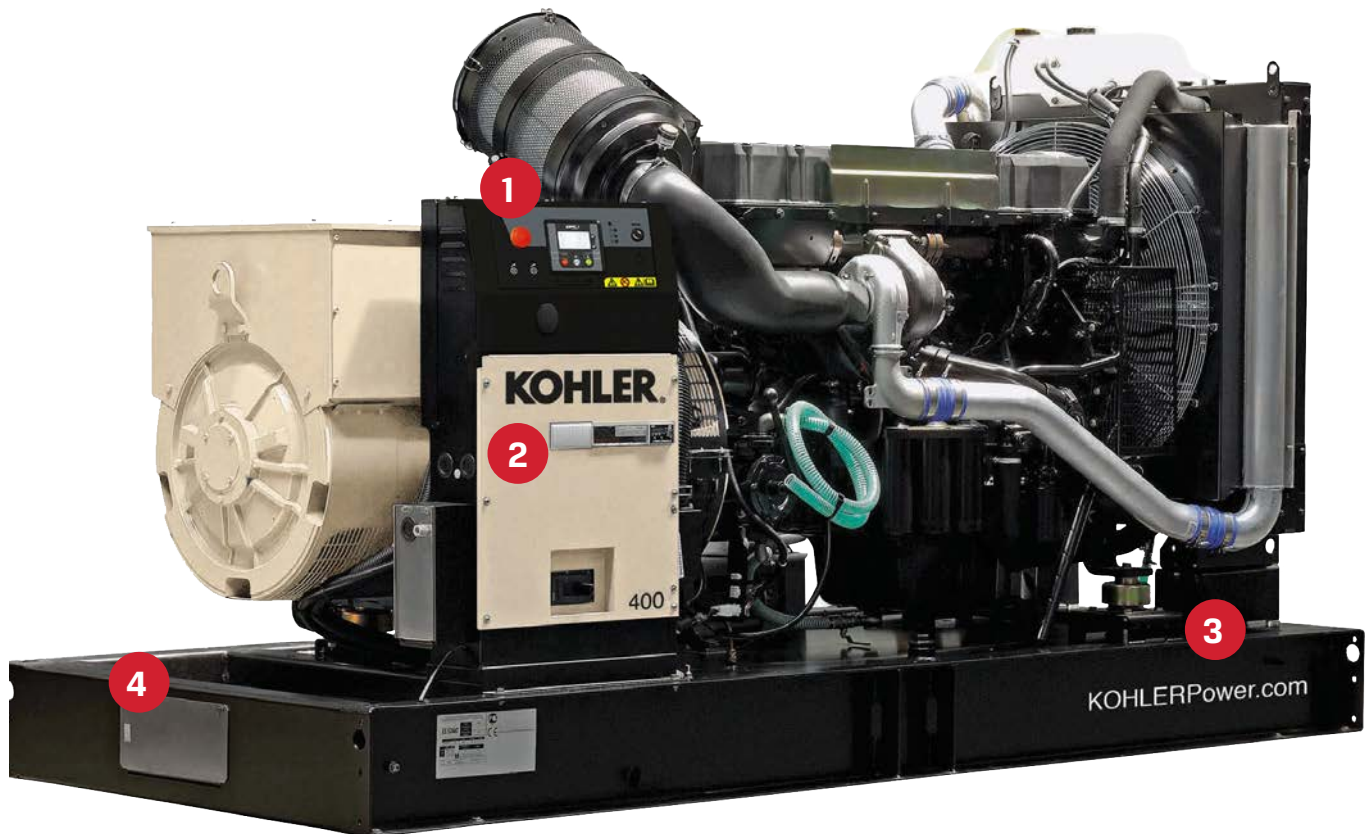
HIGH QUALITY BUILD

KOHLER generators are European built with robust base frames and high quality enclosures. The durable materials used have been designed and tested to ensure safety and performance in even the harshest conditions.

KOHLER®

FOR EVERY POWER REQUIREMENT

Reliable, compact, user-friendly and versatile, KOHLER generators are built to offer dependable power for all applications (simple to complex), including healthcare, data centers, airports and more.



1. KOHLER ADVANCED POWER MANAGEMENT CONTROLS

Available with a variety of controls – basic, advanced and paralleling, dedicated to generator set applications for optimal performance

2. CIRCUIT BREAKER

Offers 4 pole protection and maintenance of generator set

3. INTEGRATED FUEL-TANK

Integrated with generator skid that provides plug-and-play mode for quick on-site set up

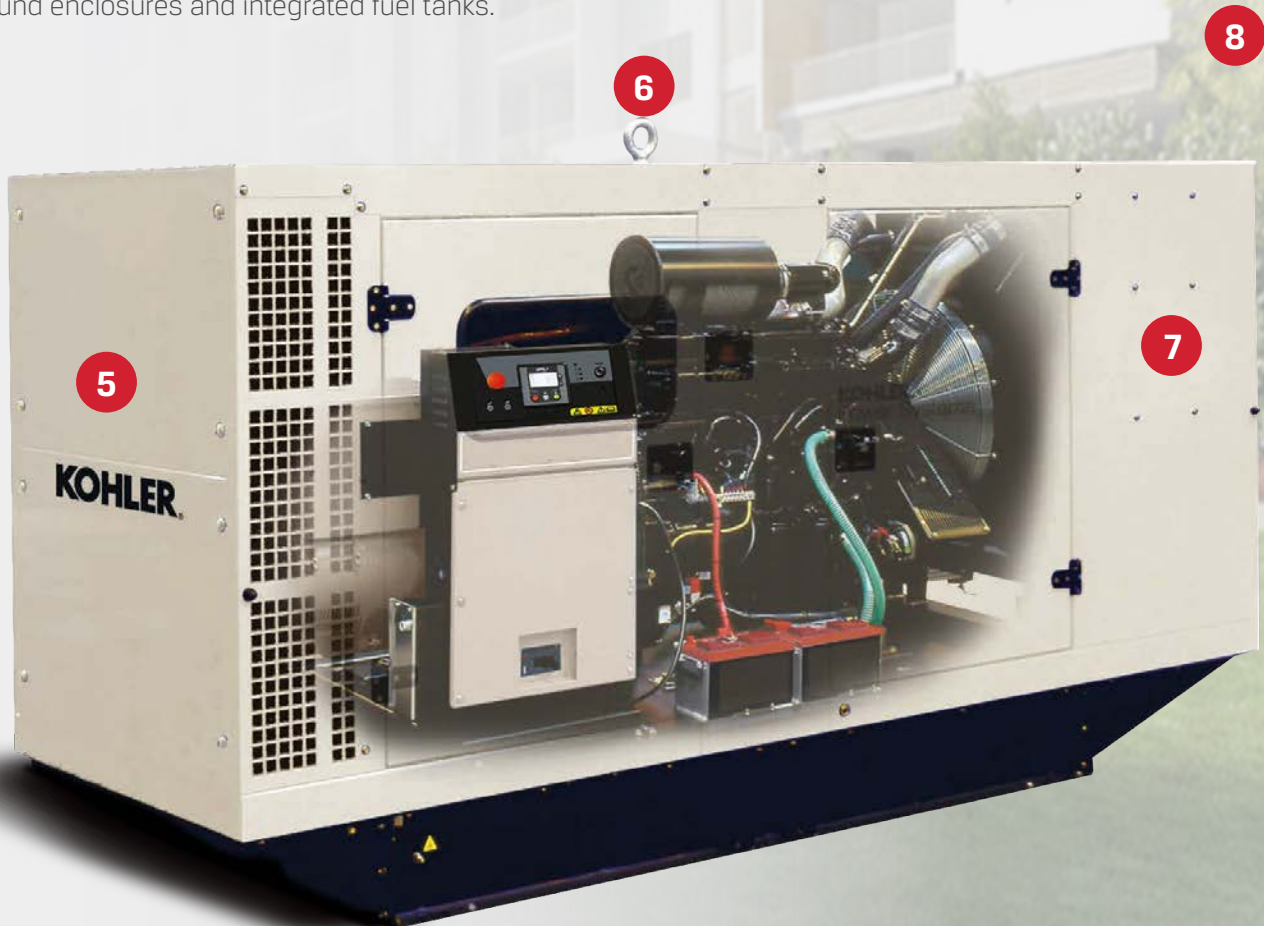
4. OPTIONS AND ACCESSORIES

Improved alternators, heavy-duty air cleaners, enclosures, fuel tanks, block heaters, multiple circuit breakers, heat-hand protection (CE) and more.

GENERAL FEATURES

- Assembled soundproofing enclosures
- Kohler cream beige standard colour
- Rust-resistance: Electro-galvanised steel panels coated with heat-hardening powder based on polyester resin as a form of rust protection.
- High corrosion resistance for enclosure parts and fixtures
- Acoustic sound treatment: Soundproofing and fire-retardant foam between 20-50mm thickness

Built for reliability with self-diagnostic features, KOHLER generator sets come equipped with sound enclosures and integrated fuel tanks.



5. PLUG-AND-PLAY

No need for complex installation and messy cabling, ensuring seamless and efficient integration into your power system

6. MOBILITY

Availability of lifting and handling points to facilitate easy transportation and rapid deployment (standard or optional depending on the unit size)

7. SILENT OPERATION

Sound-attenuating enclosures that are quiet and rigorously tested

8. OUTDOOR INSTALLATION

Allow for more productive use of space with outdoor installation

GENERAL FEATURES

- Silent operation: High priority on noise reduction and conforms to 2000/14/EC noise emission standards
- Integrated fuel tank in generator skid
- Power circuit breaker
- Modularity: Modular design without complex installation; maintenance and re-ordering of components now made simpler and hassle-free

TECHNICAL SPECIFICATIONS



NEW ENCLOSURE

Models from KK33 to KD110 feature a new enclosure that protect them from harsh weather and extreme climatic conditions using high quality steel called Magnelis.



KK SERIES 15 - 44 KVA (KOHLER ENGINE)

Model	KK12M	KK16	KK22	KK33	KK44	KK66
Prime power rating (kVA)	10.7	15	19.5	30	40	60
Standby power rating (kVA)	11.8	16.5	21.5	33	44	66
Voltage (V)	230	400/230	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50	50	50
Phases	1	3	3	3	3	3
Engine make	Kohler	Kohler	Kohler	Kohler	Kohler	Kohler
Engine model	KDW1603	KDW1603	KDI1903M	KDI2504	KDI2504TM	KDI3404TM
Alternator model	KH00404T	KH00470T	KH00404T	KH00602T	KH00602T	KH00811T
Noise level (dB(A) @ 7m)	61	61	58	63	63	66
Fuel tank capacity (litres)	50	50	50	100	100	100
Autonomy (hours @ 75% load)	13.5	13.5	15.1	16.9	14.1	8.8
Control panel	APM303	APM303	APM303	APM303	APM303	APM303
Dimensions enclosed (mm)	L. 1,750 W. 775 H. 1,230	L. 1,750 W. 775 H. 1,230	L. 1,750 W. 775 H. 1,230	L. 2,100 W. 938 H. 1,285	L. 2,100 W. 938 H. 1,285	L. 2,100 W. 938 H. 1,285
Dry weight enclosed (kgs)	610	580	660	756	868	1,246

Extended run versions also available

KD SERIES 60 - 88 KVA (JOHN DEERE ENGINE)

Model	KD22	KD33	KD44	KD66	KD88
Prime power rating (kVA)	20	30	40	60	80
Standby power rating (kVA)	22	33	44	66	88
Voltage (V)	400/230	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50	50
Phases	3	3	3	3	3
Engine make	John Deere	John Deere	John Deere	John Deere	John Deere
Engine model	3029DSG20	3029DSG20	3029TSG20	4045TSG20	4045TSG20
Alternator model	KH00404T	KH00462T	KH00602T	KH00811T	KH00590T
Noise level (dB(A) @ 7m)	63	62	63	66	67
Fuel tank capacity (litres)	100	100	100	180	180
Autonomy (hours @ 75% load)	18.2	18.2	13.0	12.5	12.5
Control panel	APM303	APM303	APM303	APM303	APM303
Dimensions enclosed (mm)	L. 2,572 W. 1,126 H. 1,511	L. 2,100 W. 938 H. 1,285	L. 2,100 W. 938 H. 1,285	L. 2,572 W. 1,126 H. 1,511	L. 2,572 W. 1,126 H. 1,571
Dry weight enclosed (kgs)	812	817	868	1,246	1,325

Extended run versions also available



KD SERIES 120 - 220 KVA (JOHN DEERE ENGINE)

Model	KD110	KD130	KD165	KD220	KD250
Prime power rating (kVA)	100	120	150	200	227
Standby power rating (kVA)	110	132	165	220	250
Voltage (V)	400/230	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50	50
Phases	3	3	3	3	3
Engine make	John Deere	John Deere	John Deere	John Deere	John Deere
Engine model	4045HSG20	6068TF220	6068HF120-153	6068HSG22	6068HFS55
Alternator model	KH00753T	KH01050T	KH01340T	KH01220T	KH01180T
Noise level (dB(A) @ 7m)	68	64	64	67	71
Fuel tank capacity (litres)	190	340	340	340	340
Autonomy (hours @ 75% load)	10.6	16.8	13.6	9.7	9.5
Control panel	APM303	APM303	APM303	APM303	APM303
Dimensions enclosed (mm)	L. 2,572 W. 1,126 H. 1,571	L. 3,508 W. 1,200 H. 1,830	L. 3,508 W. 1,200 H. 1,830	L. 3,508 W. 1,200 H. 1,830	L. 3,508 W. 1,200 H. 1,830
Dry weight enclosed (kgs)	1,335	2,088	2,198	2,346	1,800

Extended run versions also available

STANDARD OPTIONS

Option	Description
ALO1	Anti condensation heater
ENO4	Drainage oil pump
EN16	Battery isolator switch
FD02	Large autonomy tank with containment 24 hour @ 75% load
FD03	Large autonomy tank with containment 48 hour @ 75% load
FD05	Water separator fuel prefilter
FD14	Retention bund alarm
CN11	Central Lifting Point bracket (Standard on 130kVA and above)
SOCKETS	as per customer requirements

TECHNICAL SPECIFICATIONS



KV SERIES 250 - 440 KVA (VOLVO ENGINE)

Model	KV275C2	KV350C2	KV400C2	KV440C2
Prime power* rating (kVA)	250	318	355	400
Standby power* rating (kVA)	275	350	390	440
Voltage (V)	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50
Phases	3	3	3	3
Engine make	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta
Engine model	TAD734GE	TAD1341GE	TAD1342GE	TAD1344GE
Alternator model	KH01421T	KH02100T	KH02101T	KH01741T
Noise level (dB(A) @ 7m)	67	67	67	68
Fuel tank capacity (litres)	390	470	470	470
Autonomy (hours @ 75% load)	9.0	9.8	8.8	7.4
Control panel	APM403	APM403	APM403	APM403
Dimensions enclosed (mm)	L. 4,004 W. 1,380 H. 2,145	L. 4,475 W. 1,410 H. 2,430	L. 4,475 W. 1,410 H. 2,430	L. 4,475 W. 1,410 H. 2,430
Dry weight enclosed (kgs)	3,102	4,035	4,082	4,080

Extended run versions also available

KV SERIES 455 - 770 KVA (VOLVO ENGINE)

Model	KV500C2	KV550C2	KV650C2	KV715C2	KV770C2
Prime power* rating (kVA)	455	500	591	650	700
Standby power* rating (kVA)	500	550	650	715	770
Voltage (V)	400/230	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50	50
Phases	3	3	3	3	3
Engine make	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta	Volvo Penta
Engine model	TAD1345GE	TAD1641GE	TAD1642GE	TWD1644GE	TWD1645GE
Alternator model	KH02070T	KH02450T	KH02880T	KH02401T	KH02850T
Noise level (dB(A) @ 7m)	68	72	70	75	75
Fuel tank capacity (litres)	470	500	610	610	610
Autonomy (hours @ 75% load)	6.8	6.4	6.9	6.2	5.7
Control panel	APM403	APM403	APM403	APM403	APM403
Dimensions enclosed (mm)	L. 4,475 W. 1,410 H. 2,430	L. 5,031 W. 1,560 H. 2,435	L. 5,031 W. 1,690 H. 2,672	L. 5,023 W. 1,630 H. 2,672	L. 5,023 W. 1,630 H. 2,672
Dry weight enclosed (kgs)	4,360	4,870	5,300	5,590	5,790

Extended run versions also available



OPTIONS

KOHLER KV and KH series generators come with a wide range of standard options. Please speak to our sales team for further details.

KH SERIES 250 - 550 KVA (DOOSAN ENGINE)

Model	KH275	KH300	KH330	KH440
Prime power* rating (kVA)	250	273	300	400
Standby power* rating (kVA)	275	300	330	440
Voltage (V)	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50
Phases	3	3	3	3
Engine make	Doosan	Doosan	Doosan	Doosan
Engine model	P126TI	P126TI	P126TI-II	P158LE
Alternator model	KH01380T	KH01720T	KH01720T	KH01483T
Noise level (dB(A) @ 7m)	73	73	72	75
Fuel tank capacity (litres)	390	390	470	500
Autonomy (hours @ 75% load)	8.9	8.9	10	7.7
Control panel	APM303	APM303	APM303	APM403
Dimensions enclosed (mm)	L. 4,004 W. 1,380 H. 2,145	L. 4,004 W. 1,380 H. 2,145	L. 4,475 W. 1,410 H. 2,430	L. 5,031 W. 1,560 H. 2,435
Dry weight enclosed (kgs)	3,160	3,250	3,540	4,125

Extended run versions also available

KH SERIES 573 - 825 KVA (DOOSAN ENGINE)

Model	KH550	KH630	KH700	KH830
Prime power* rating (kVA)	500	573	634	750
Standby power* rating (kVA)	550	630	697	825
Voltage (V)	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50
Phases	3	3	3	3
Engine make	Doosan	Doosan	Doosan	Doosan
Engine model	DP158LDF	DP180LA	DP180LB	DP222LC
Alternator model	KH01982T	KH02712T	KH02953T	KH03544T
Noise level (dB(A) @ 7m)	74	78	78	76
Fuel tank capacity (litres)	500	610	610	610
Autonomy (hours @ 75% load)	6.0	6.5	5.9	5.1
Control panel	APM403	APM403	APM403	APM403
Dimensions enclosed (mm)	L. 5,031 W. 1,560 H. 2,435	L. 5,031 W. 1,690 H. 2,672	L. 5,031 W. 1,690 H. 2,672	L. 5,031 W. 1,690 H. 2,672
Dry weight enclosed (kgs)	4,257	5,146	5,381	5,720

Extended run versions also available

ADVANCED POWER MANAGEMENT

APM303 SERIES CONTROLLER

The APM303, fitted as standard on all KK, KD and select KH series generators is a versatile unit that offers high-quality basic functions and system protection, allowing easy and reliable operation of your generator set.

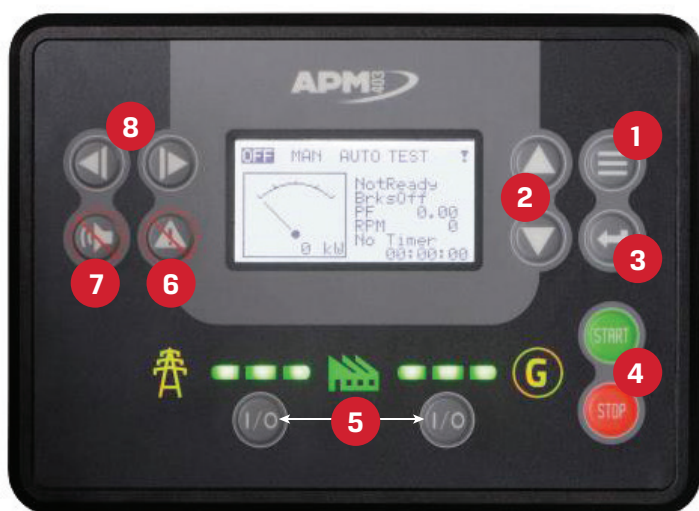


1. Ergonomic, universal LCD screen
2. Alarm/fault report indicator
3. STOP/START/AUTO buttons and AUTO mode indicator light
4. Generator set operating light
5. Screen scroll buttons

MODBUS RTU supervision is available as standard via an RS485 link. This link can be configured for your installation.

APM403 SERIES CONTROLLER

The APM403 is available in two different configurations. The Solo (APM403S) version is fitted as standard on all KV and KH series generating sets intended for LV industrial applications (excluding KH275, KH300, KH330). The Parallel (APM403P) version allows coupling of gensets or mains paralleling.



1. Navigating between menus
2. Screen scroll keys
3. Confirm, edit or return to home screen
4. Genset start/stop button
5. Circuit breaker opening/closing button
6. Fault reset button
7. Buzzer deactivation button
8. Screen scroll/menu change keys



The APM403S is for SOLO operation only. No circuit breaker control.

The APM403 offers the option of remote configuration and supervision thanks to the WebSupervisor application. WebSupervisor provides an overview of all your asset's status, location and other important data and alerts - all on one screen.

AUTOMATIC TRANSFER SWITCHES

For a complete backup solution, you will need to add an Automatic Transfer Switch. This facilitates management between your generator supply and mains supply to automatically start and stop the generator when power is lost or restored. All CAPS standby power generators can be equipped with Verso automatic transfer switches.

ADVANTAGES

- A complete product, supplied in the form of a fully assembled solution and tested according to standard IEC* 60947-6-1
- Double integrated power supply (autonomous)
- Padlocking can be configured in 3 positions (I, O, II)
- Robust switch-disconnector operation
- Intrinsic mechanical locking
- Automatic genset start-up
- High dynamic resistance for even greater safety, in the case of a short circuit closure
- Presence of a manual control for all emergency interventions
- Simple and clear readout of the status of the installation

VERSO 100 AUTOMATIC TRANSFER SWITCH FROM 35 TO 160A

Ratings (A)	35	63	80	100	125	160
Phases	3 phases 4 poles with manual operation option					
Display and settings	LED and Potentiometers					
Voltage drop tolerated	5 to 20% voltage and 3 to 10% frequency adjustable					
Mains failure and return	Time delay adjustable to 60 secs and 30 minutes respectively					
Protection index	IP31					
Dimensions (Lxwxh)	385mmx385mmx193mm					



VERSO 200 AUTOMATIC TRANSFER SWITCH FROM 200 TO 630A

Ratings (A)	200	250	400	630
Phases	3 phases			
Configuration	Auto-configuration of voltage/frequency min/max and configurable thresholds			
Display and settings	By LCD – Supplied with manually-operated key – Can be padlocked in manual mode			
Voltage drop tolerated	30% of the nominal voltage @ 400V			
Protection index	IP20 (IP55 option available ex import)			
Inputs/outputs	3 configurable dry contact inputs/2 configurable relay outputs			
Dimensions (Lxwxh)	800mmx600mmx485mm			



Larger ATS models also available on request

24/7 RAPID RESPONSE NATIONWIDE SUPPORT

9 BRANCHES SERVICING ALL AUSTRALIA



AUSTRALIA WIDE

With our extensive network of branches and regional service locations, CAPS can service anywhere in Australia.

From the metro area through to a remote mine-site, we have you covered with experts located all around Australia.

SPARE PARTS

A complete range of spare parts and accessories to help you get the most out of your industrial equipment.



HIGHLY TRAINED TECHNICIANS

Enjoy the peace of mind of having an expert at your doorstep. **Their knowledge is continually updated**, and they have the model by model knowledge to fix your generator first time, every time.

Whether you have one generator or have complex systems with multiple pieces of equipment, **our technicians will give you the advice you need to ensure continuous operation.**

PREVENTATIVE MAINTENANCE

We're always aiming to help you to **reduce operating costs and interruptions to your production.** Our factory-authorised programs include routine inspections, condition monitoring and the use of sophisticated diagnostic equipment to identify any potential problems before they impact you.

SAFETY COMPLIANCE

Safety is a core value of CAPS and our goal is never to put people, plant or the environment at risk. You can be confident that our technicians will be **completely compliant to any site specific safety requirements** you have.

NATIONAL HIRE



LONG TERM AND SHORT TERM HIRE AVAILABLE

At CAPS, we have a large range of equipment that's suitable for every kind of project.

CAPS check their equipment before every hire to ensure the highest standard of safety and service. When you hire through CAPS you are speaking to experts who can assist you with selecting the right equipment for the job every time.

Hire and you protect your staff, control your costs, avoid depreciation, maintenance and borrowing expenses.

CORE PRODUCTS

AIR COMPRESSORS

ROTARY SCREW



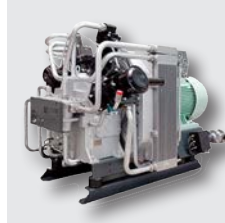
PORTABLE DIESEL



OIL FREE



HIGH PRESS. RECIPS.



SMALL RECIPS.



AIR BLOWERS

ROTARY LOBE



CENTRIFUGAL



GAS GENERATORS & COMPRESSORS

NITROGEN



OXYGEN



OTHER GASES



AIR TREATMENT

AIR DRYERS



AIR RECEIVERS

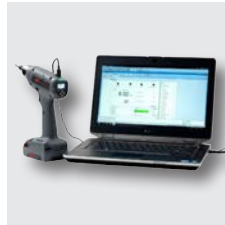


FILTRATION



TOOLS & MATERIAL HANDLING

TORQUE CONTROL



WINCHES & HOISTS



POWER GENERATION & RENEWABLES

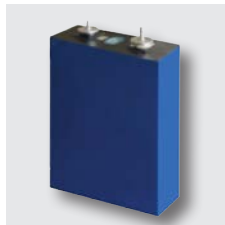
STANDBY



PRIME



BATTERY STORAGE



ONLINE SHOPPING

CAPSSHOP.COM.AU

If you are looking for spare parts or tools for your air and power equipment, visit our online shop.



SOLVING YOUR AIR AND POWER CHALLENGES

KOHLER POWER GENERATORS

Inquiries: 1800 800 878

Service & 24/7 Support: 1800 802 697

Website: caps.com.au

Shop: capsshop.com.au

Email: info@caps.com.au

BRANCH LOCATIONS

PERTH (HEAD OFFICE) | KALGOORLIE | MELBOURNE | SYDNEY | NEWCASTLE | ADELAIDE
BRISBANE | MACKAY | DARWIN

INTERNATIONAL

MALAYSIA | GHANA



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