



INDUSTRIAL POWER SYSTEMS

KOHLER 16 KVA - 830 KVA

COMPLETE AIR &
POWER SOLUTIONS





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.

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 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 to 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

Principal Partner of Manchester United

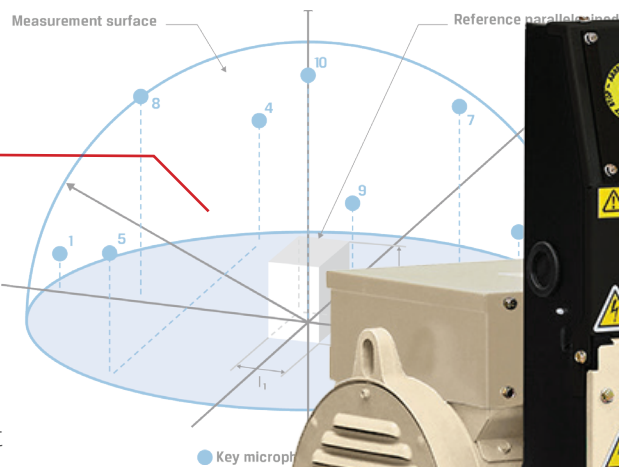


7 KEY POINTS THAT MAKE THE DIFFERENCE.

KOHLER invests heavily in research and development, guaranteeing that your energy solution delivers the best performance on the market. Here are just seven of the key factors that make KOHLER power systems a cut above the competition.

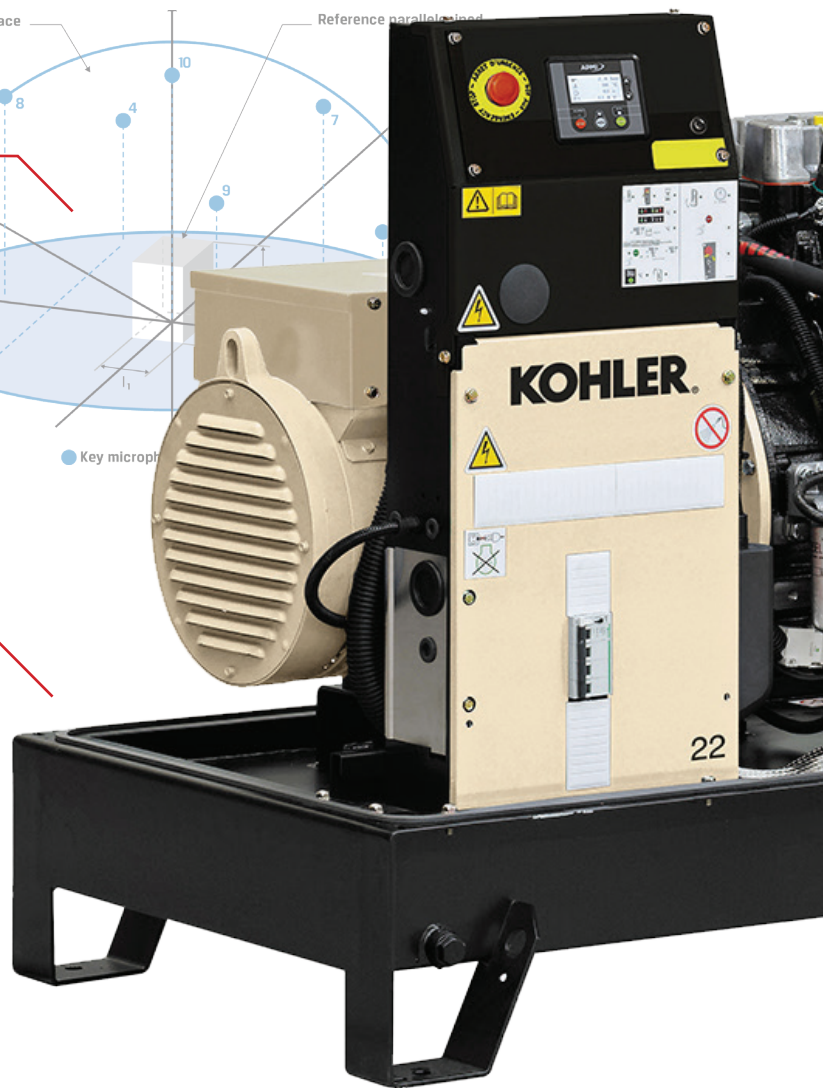
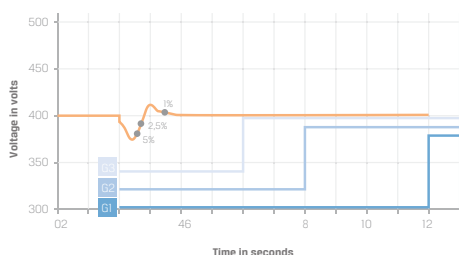
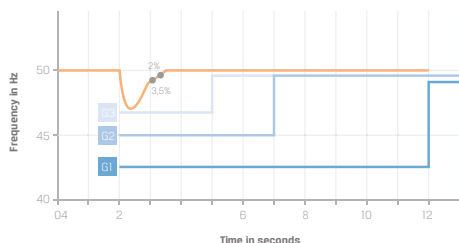
// OPTIMISED SOUND LEVEL

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

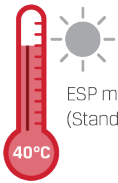
When compared to an equivalent generator engine, KOHLER offers significant fuel savings with optimised consumption technology.



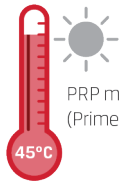
// LOAD SURGE PROTECTION

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

// TEMPERATURE CONTROL

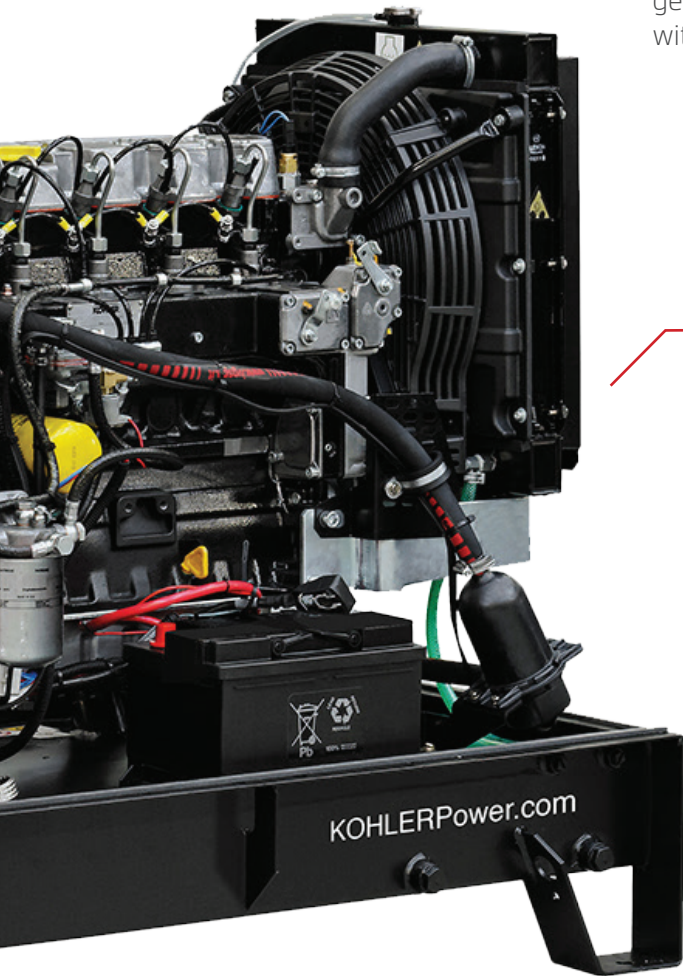


ESP mode
(Standby Power)



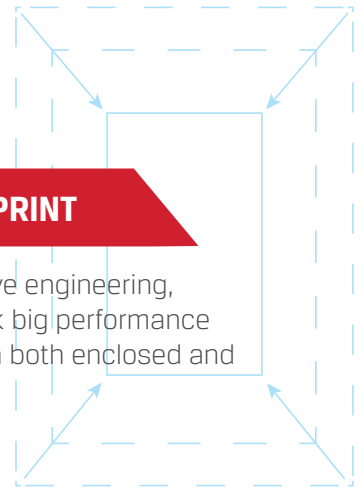
PRP mode
(Prime Power)

KOHLER have a minimum air to boil (ATB) level of 40°C in standby mode, and 45°C when used as the prime source. This means that at 40 or 45°C, when some manufacturers cannot supply the cooling needed for their generators to run at full power, KOHLER generators deliver 100% of their capacity, without a drop in power.



// 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.

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 DECISION-MAKER® 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

7 SILENT OPERATION

Sound-attenuating enclosures that are quiet and rigorously tested

- **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

6 MOBILITY

Availability of lifting and handling points to facilitate easy transportation and rapid deployment

8 OUTDOOR INSTALLATION

Allow for more productive use of space with outdoor installation

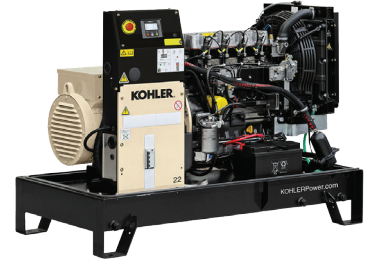
- **Modularity:** Modular design without complex installation; maintenance and re-ordering of components now made simpler and hassle-free



The KD33 and KD44 feature a new enclosure that protect them from harsh weather and extreme climatic conditions.

TECHNICAL SPECIFICATIONS.

KK/KM/KD SERIES 15 - 220 KVA



15 - 44 KVA

Model	KK16	KK22	KD33	KD44
Prime power* rating (kVA)	15	19.5	30	40
Standby power* rating (kVA)	16.5	21.5	33	44
Voltage (V)	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50
Phases	3	3	3	3
Engine make	Kohler	Kohler	John Deere	John Deere
Engine model	KDW1603	KDI1903M	3029DFS29	3029TSG20
Alternator model	KH00470T	KH00404T	KH00462T	KH00602T
Noise level (dB(A) @ 7m)	61	58	63	63
Fuel tank capacity (litres)	50	50	100	100
Autonomy (hours @ 75% load)	13.5	15.1	20.0	13.3
Control panel	APM303	APM303	APM303	APM303
Dimensions enclosed (mm)	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
Dry weight enclosed (kgs)	580	660	811	893

60 - 110 KVA

Model	KD66	KD77	KD88	KD110
Prime power* rating (kVA)	60	70	80	100
Standby power* rating (kVA)	66	77	88	110
Voltage (V)	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50
Phases	3	3	3	3
Engine make	John Deere	John Deere	John Deere	John Deere
Engine model	4045TF120	4045TF120	4045TF220	4045HF120
Alternator model	KH00771T	KH00941T	KH00973T	KH00911T
Noise level (dB(A) @ 7m)	61	61	64	66
Fuel tank capacity (litres)	180	180	180	190
Autonomy (hours @ 75% load)	15.0	15.0	12.9	9.6
Control panel	APM303	APM303	APM303	APM303
Dimensions enclosed (mm)	L. 2,300 W. 1,060 H. 1,680	L. 2,300 W. 1,060 H. 1,680	L. 2,300 W. 1,060 H. 1,680	L. 2,554 W. 1,150 H. 1,680
Dry weight enclosed (kgs)	1,405	1,448	1,448	1,597



120 - 220 KVA

Model	KD130	KD165	KD200	KD220
Prime power* rating (kVA)	120	150	182	200
Standby power* rating (kVA)	132	165	200	220
Voltage (V)	400/230	400/230	400/230	400/230
Frequency (Hz)	50	50	50	50
Phases	3	3	3	3
Engine make	John Deere	John Deere	John Deere	John Deere
Engine model	6068TF220	6068HF120-153	6068HF120-183	6068HSG22
Alternator model	KH01050T	KH01340T	KH01100T	KH01220T
Noise level (dB(A) @ 7m)	64	64	65	67
Fuel tank capacity (litres)	340	340	340	340
Autonomy (hours @ 75% load)	18.4	13.6	10.9	9.7
Control panel	APM303	APM303	APM303	APM303
Dimensions enclosed (mm)	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)	2,088	2,198	2,336	2,346

STANDARD OPTIONS

Option	Description
CN06	Remote connection terminal block for armoured cables
EN04	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
CM320	Adjustable earth fault protection
SOCKETS	as per customer requirements

TECHNICAL SPECIFICATIONS.

KV/KH SERIES 275 - 830 KVA

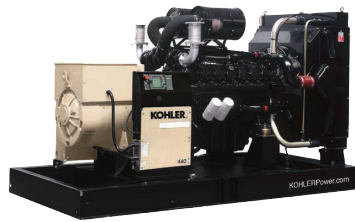


KV SERIES 250 - 440 KVA

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	TAD134IGE	TAD1342GE	TAD1344GE
Alternator model	KH0142IT	KH02100T	KH0210IT	KH0174IT
Noise level (dB(A) @ 7m)	67	67	67	68
Fuel tank capacity (litres)	390	470	470	470
Autonomy (hours @ 75% load)	9.1	9.7	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

KV SERIES 415 - 700 KVA

Model	KV500C2	KV550C2	KV650C2	KV715C2	KV770C2
Prime power* rating (kVA)	455	500	591	650	650
Standby power* rating (kVA)	500	550	650	715	715
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	TAD164IGE	TAD1642GE	TWD1644GE	TWD1645GE
Alternator model	KH02070T	KH02450T	KH02880T	KH0240IT	KH02850T
Noise level (dB(A) @ 7m)	68	66	70	75	75
Fuel tank capacity (litres)	470	500	610	610	610
Autonomy (hours @ 75% load)	6.8	6.6	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. 5,031 W. 1,690 H. 2,672	L. 5,031 W. 1,690 H. 2,672
Dry weight enclosed (kgs)	4,360	4,870	5,300	5,590	5,790



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

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	71	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

KH SERIES 573 - 825 KVA

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

ADVANCED POWER MANAGEMENT.

APM303 SERIES CONTROLLER.

The APM303, fitted as standard on all KK, KM, 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.



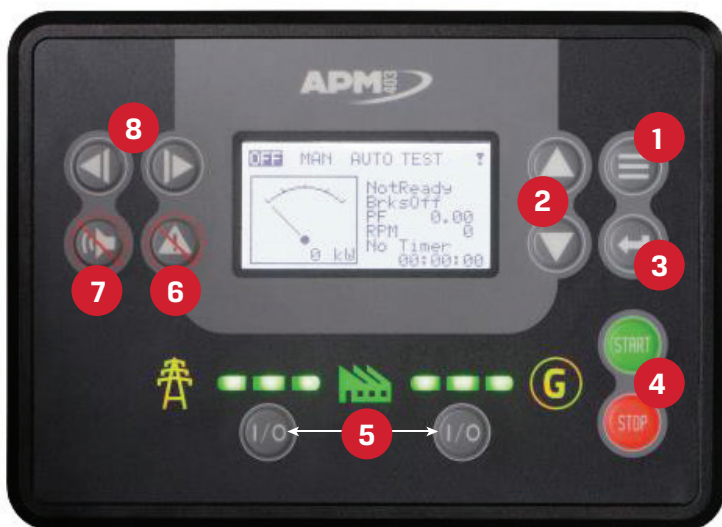
1. Ergonomic, universal LCD screen
2. Alarm/fault report indicator
3. STOP/START/AUTO buttons and AUTO mode indicator light
4. Generator set operating light
5. Screen scroll buttons



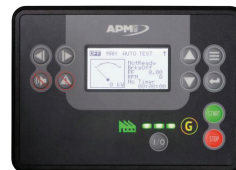
MODBUS RTU supervision is available as standard via an RS485 link. This link can be configured for your installation.

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					
Protection index	IP31					
Dimensions (Lxwxh)	385mmx385mmx193mm					



VERSO 200 AUTOMATIC TRANSFER SWITCH FROM 200 TO 400A.

Ratings (A)	200	250	400
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)	800mmx600mmx400mm		







PROTECT YOUR INVESTMENT.

When it comes to servicing, power generators are complex pieces of machinery - you don't want just anyone touching your investment. CAPS have a complete understanding of power generators and their operation.

CAPS highly trained Service Team will work with you to tailor a solution that integrates with your business and keeps it moving. When it comes to diagnosing and providing reliable solutions for redundancy, CAPS have decades of specialised industry experience to draw from, getting it right first time, every time.

"CAPS were on time and maintenance work was carried out smoothly. Any repairs required were communicated and repaired without any issues. Technicians carrying out the maintenance were competent and approachable."

-Graeme Hollands, BGIS

With a 24 hour dedicated emergency phone support line that directs you to a local branch representative, we'll rapidly respond to your needs. We are always at your side to ensure that your work processes remain uninterrupted.

With the help of navigation systems, our technicians know the fastest way to get to you. Online tools allow them to have the right information at their fingertips.



GET IN TOUCH.

24/7 SUPPORT: 1800 800 878

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

KUALA LUMPUR | MALAYSIA
ACCRA | GHANA

**SOLVING YOUR
AIR AND POWER
CHALLENGES.**