

POWER SYSTEMS

for Mining Facilities

DEPENDABLE POWER FOR THE HARSHTEST ENVIRONMENTS

Diesel generators play a big role in the mining industry as mining sites need huge amounts of power for heavy machinery and equipment, but are often located in remote areas that are far from reliable power grids. They are usually in harsh environments with prolonged exposure to extreme weather conditions, dust and high temperatures.

Kohler generators are robustly built to offer reliable and continuous power to keep mining operations up and running. For more than 90 years, Kohler has earned a global reputation as a pure power expert — in large part to our strict quality standards. Available in a wide range of power outputs to power mining operations of all sizes, Kohler generators are also compatible with a variety of additional options and accessories for further enhanced performance and protection.



KK20



M125 Enclosure



KD130

RELIABLE

With almost a century of engineering know-how, KOHLER generator sets are manufactured to high quality standards. We engineer, test and fit every single component ensure the highest level of quality.

MOBILE

Lifting and handling points on KOHLER generator enclosures to facilitate easy transportation. Minimal effort in installation required and rapid deployment when rendering back-up power.

SCALABLE

Kohler generators have the ability to synchronize and scale up to provide more power as and when the mine site operation requires. This helps to save on the startup, transportation and maintenance costs.

OPTIONS & ACCESSORIES

For each of its generator, Kohler offers a large range of options to facilitate maintenance operations, enhance user safety and provide solutions for specific requirements or unusual environments.

ROBUST

Kohler generators go through many vigorous round of tests; including transient testing, radiator cooling system test and sound decibel checks to ensure every part is built to work with the entire system, and perform in the most demanding environments.

SERVICE & SUPPORT

You're never too far from Kohler. Across the world, more than 800 locations are ready to provide sales, installation and aftermarket support services. And each one offers expertise in power specifications, equipment and integration.

KEEP OPERATIONS GOING WITH A Robust and Reliable Power System

Generator Series	50 Hz - ESP (kVA)	50 Hz - PRP (kVA)	60 Hz - ESP (kW)	60 Hz - PRP (kW)	Controller
KM	11.5 - 22	10.5 - 20	11.2 - 20	10.2 - 18.2	APM303
KK	8.9 - 44	8.1 - 40	8.4 - 40	7.6 - 36	APM303
KD	22 - 250	20 - 227	60 - 200	54 - 182	APM303
KV	275 - 700	250 - 636	238 - 600	216 - 546	APM403
KH	275 - 825	250 - 750	250 - 750	227 - 691	APM303
REOZM	915 - 2438	835 - 2225	810 - 2000	730 - 1818	DEC550

STAND UP TO THE ELEMENTS

Mining sites are harsh environments; with exposure to dusty and high temperature conditions. These place high stress on the generators that are running on prime power on site. KOHLER generators have accessories suited for dusty conditions and IP ratings for protection against the environment. Moreover, KOHLER generators are able to expand to accommodate additional sets with the expansion needs of the mining operations.



GENERAL SPECIFICATIONS

- Rust-resistance: Electro-galvanized 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
- Integrated fuel tank in generator skid

- ① **CANOPY / CONTAINER**
Kohler International Spec Series generators are designed to fit perfectly in canopies while maintaining their compact size

Kohler REOZM Series generators are designed to be installed in standard 20/40 foot containers for ease of shipment and transportation

- ② **40°C Ambient***
Kohler generators are designed and tested to run up to 40°C ambient

- ③ **IP RATED**
Kohler alternators are rated IP23 which meets majority of the environmental installation sites; with options of adding impregnation D & R types for tropical, coastal or severe industrial environment

- ④ **HEAVY DUTY AIR FILTER**
Kohler generators are designed to fit Standard or Heavy Duty Air Filters

* For specific model ambient condition, refer to the derating table

For more information, contact your KOHLER source of supply.
Or call 65 6264 6422.

KOHLER
IN POWER. SINCE 1920.

KOHLERPOWER.COM

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