KD Series™
80–600 kW
Industrial Line

rehlko





Only Power. Always *Here*.

Rehlko, through its power systems business unit, delivers worldwide energy solutions, designed to ensure resilience for mission-critical applications of all sizes.

Building on more than a century of expertise and dedication, the company offers complete power systems, including industrial backup generators (HVO, diesel, gaseous), enclosures, hydrogen fuel cell systems, automatic transfer switches, switchgear, monitoring controls, genuine parts and end-to-end services.

As a global company with service partners in every continent and most countries, Rehlko provides reliable, cutting-edge technology to keep industries and businesses running when the grid fails. Rehlko goes beyond basic recovery to create stronger, more resilient communities, driving a durable energy future.

Energy is *what we do*.

In September 2024, Kohler Energy rebranded to Rehlko, marking a pivotal milestone in our 100-plus-year journey. Through a portfolio of businesses, Rehlko delivers innovative energy solutions critical to sustain and improve life across home energy, industrial energy systems, and powertrain technologies, by delivering control, resilience and innovation.

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The New Standard in 60–600 kW *Power*.

The all-new KD Series™ addition delivers unmatched dependability, setting the benchmark for a new era of reliability. The 60–600 kW range will be released in three phases globally through 2027, expanding from initial models to a complete lineup engineered for every power need.

In North America the first available units in this launch will include 10 models between 80–300 kW diesel generators in 60 Hz.

Power is the Foundation *of Reliability*

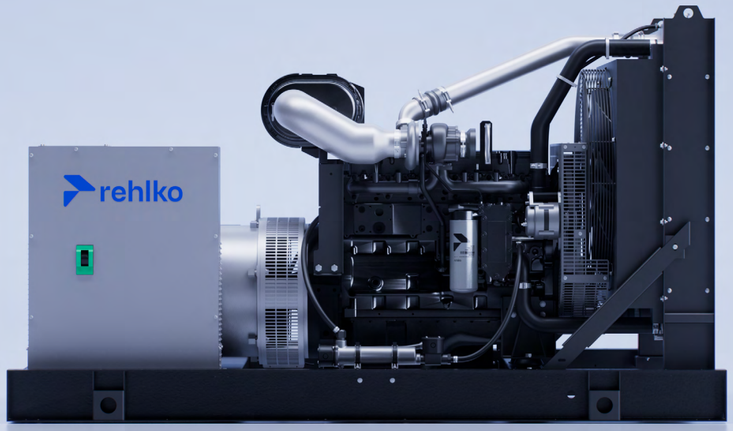
Our solutions are designed around the real-world challenges faced by the people who specify, install, and rely on critical power systems.

Power professionals today face relentless pressure to deliver reliability, speed, and confidence.

They need systems that meet strict technical standards, install without complication, and perform flawlessly under pressure. From designing critical infrastructure to meeting tight project deadlines to keeping facilities running without interruption, expectations are high—and the margin for error is razor thin.

That's why we made it our life's work to help every business and organization stay powered—every day, no matter what, with this new KD Series expansion.





A New Benchmark in *Backup Power*.

Rigorously tested beyond industry standards, it delivers proven reliability, thousands of site-ready configurations, and consistent global performance with local support—while protecting long-term value.

Fully Integrated Rehlko System

Rehlko's KD Series™ 60–600 kW delivers a premium, fully integrated system built with world-class components. Designed to meet ISO8528-5 G3 load acceptance performance, it ensures rapid response and dependable performance. Ready to start when the grid stops.

Optimized Package

The conception of the range and the preconfigured equipment have been designed to allow you to benefit from the best value for money and to optimize your investment.

Thousands of Ways. One *Standard of Reliability*.

Extensive configuration options available, including voltage, frequency, enclosures, controllers, and modular accessories —built to match your site needs. Easily configured to meet regional codes, standards, and certification requirements.

Unmatched Build Quality

The rugged frame, sealed fuel tank, and steel and aluminum enclosures provide leak protection and corrosion resistance in demanding conditions.

Next-Generation *Testing*

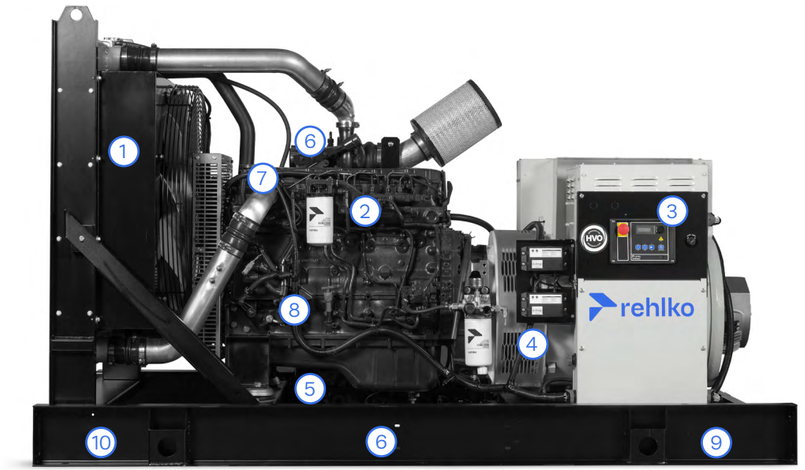
Every model is prototyped and tested in our labs for thermal balance, noise levels, electrical safety, vibration and long-term performance. Nothing leaves without proving itself.

Premium parts & Services. Wherever You Are.

Tailored service contracts and extended warranty included to ensure long-term reliability and built-in support.

With numerous direct service locations and 220+ distributors worldwide, Rehlko customers have the assurance of 24/7 emergency service and responsive aftermarket support.

Generator Components



KD180

1. Cooling system

Right-sized cooling fans are selected for high efficiency to reduce noise and power draw, delivering maximum genset electrical output.

2. Engine

The KD Series engines deliver high performance and efficiency with advanced fuel systems, electronic controls, and turbocharging for quick response. Built for reliability, they feature durable designs and low-maintenance components to maximize uptime.

3. Controller / Pedestal

Precise voltage regulation, digital display and control menu. Streamlined pedestal design reduces footprint, weight, and parts for simplified assembly and service.

4. Alternator

Auxiliary excitation system ensures quick and stable voltage recovery during transient load changes.

5. Options and Accessories

Multiple circuit breakers, battery heaters, block heaters and battery charger.

6. High-Performance Turbocharging

Optimizes power and responsiveness across the operating range, ensuring fast load acceptance and improved efficiency under varying condition.

7. Advanced Fuel System

High-pressure common rail technology delivers greater efficiency, lower emissions, and smooth, consistent engine performance.

8. Tier 3 Emissions Certified

Engineered to meet stringent emissions standards while delivering reliable performance without sacrificing power.

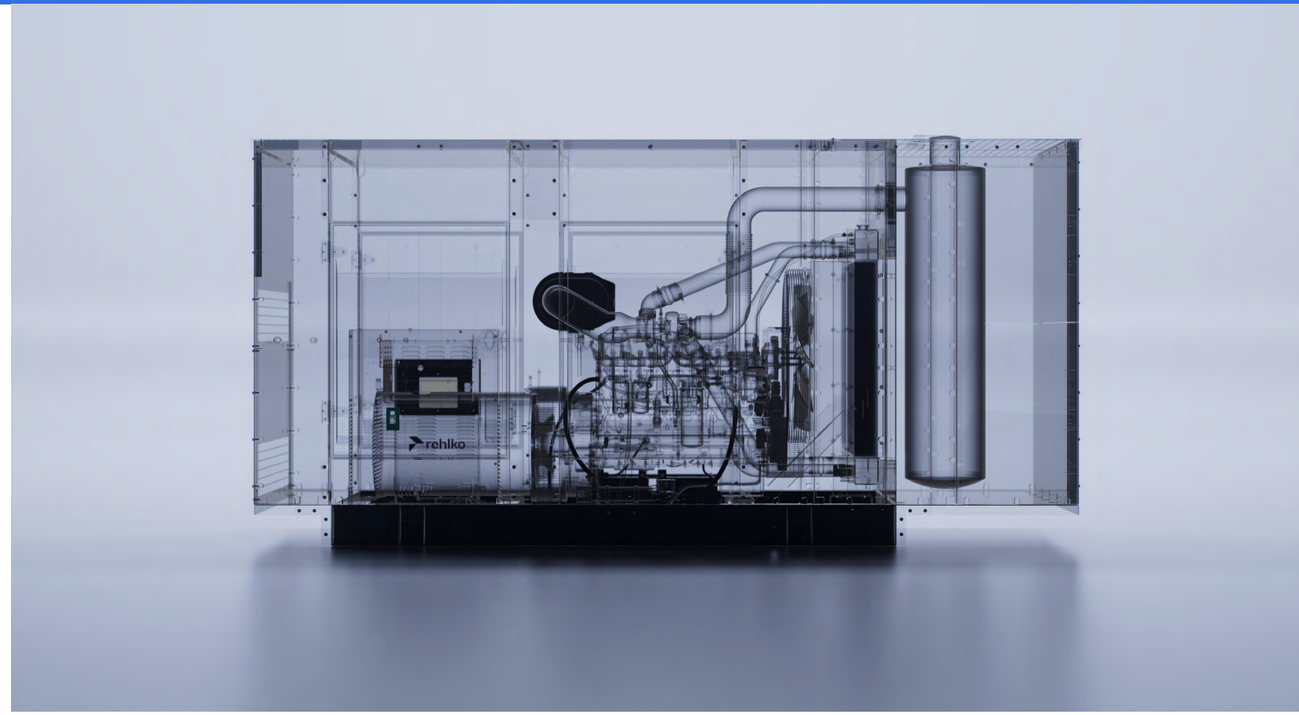
9. Skid

Skid-mounted units are engineered with a compact footprint, delivering maximum output while minimizing space requirements.

10. Fuel Tanks

UL-142 certified and NFPA-compliant, with a Power Armor Plus™ epoxy-rubberized coating, these tanks ensure safe above-ground fuel storage while resisting corrosion and extending service life.

Product Specifications



KD Series™ 80-300 kW Specifications
(Phase 1 - North America)

Model	Standby 60 Hz (kW/kVA)	Engine Manufacturer	Engine Details	Enclosure Dimension (Inches)	Tank Options	Sound Levels dBA*	EPA Tier	Controllers
KD80	80/100	Rehlko	4.5L 4 Cylinder 1800 rpm	126 x 46 x 65	24hr (standard/state) 48hr (standard/state) 96hr (state)	70	Tier 3	APM402/ APM603
KD100	100/125					70		
KD130	130/163					70		
KD150	150/188	Rehlko	6.7L 6 Cylinder 1800 rpm	148 x 53 x 79	24hr (standard/state) 48hr (standard/state) 96hr (state)	71	Tier 3	APM402/ APM603
KD180	180/225					72		
KD200	200/250					72		
KD230	230/288	Rehlko	8.9L 6 Cylinder 1800 rpm	162 x 53 x 79	24hr (standard/state) 48hr (standard/state) 96hr (state)	75	Tier 3	APM402/ APM603
KD250	250/313					75		
KD275	275/344					75		
KD300	300/375					75		

*Measured at 7m with sound enclosure (100% load)

The New KD Series™



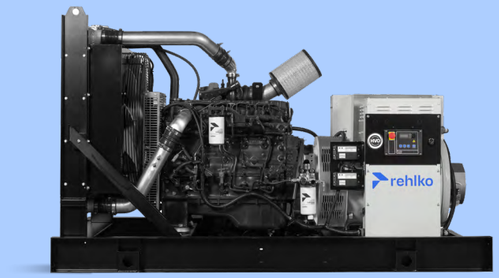
KD80/KD100/KD130

Design

Inline 4.5 L, 4-cyl diesel engine designed for standby operation.

Power And Torque

Engineered for strong low-end torque and fast transient response, supporting demanding standby applications.



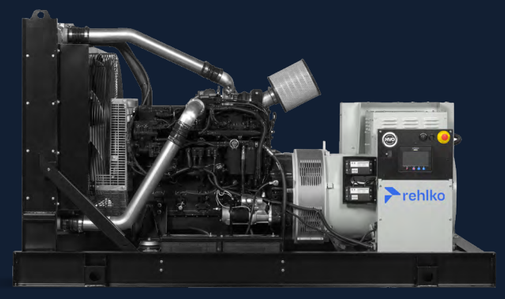
KD150/KD180/KD200

Design

Inline 6.7 L, 6-cyl diesel engine designed for standby operation.

Power And Torque

Optimized for reliable performance during high-demand load steps common in commercial and industrial installations.



KD230/KD250/KD275/KD300

Design

Inline 8.9 L, 6-cyl diesel engine designed for standby operation.

Power And Torque

Engineered to deliver high power density with robust torque characteristics for mission-critical environments.



Engine *Details*

Applications

It is suitable for various industrial applications due to its high power-to-weight ratio and reliability.

Performance

Equipped with a wastegate turbo, the engine delivers exceptional power and responsiveness for faster cycle times.

Full-Authority Electronic Controls

Optimize engine operation and deliver critical information for controlling costs, reducing maintenance and seamless integration with other components.

24-Valve Cylinder Head

Four valves per cylinder for increased power with faster response at every RPM.

Common Rail Fuel System And Controls

Bosch high pressure common rail (HPCR) – optimizes engine performance to provide seamless integration and advanced diagnostics and programming options.

Integrated Block Design

Integrated fluid circuits replace hoses and eliminate potential leaks.

Low-Maintenance Fuel Filter Assembly

The fuel filter incorporates an integral water separator and water-in-fuel sensor; 500-hour filter life with easy top-load replacement.

Controllers

At Rehlko, we don't do one size fits all. With our controls, we design custom packages, tailored to your needs, from basic controls to multiple generator paralleling.



APM402

Intuitive and Efficient User Interaction – A combined push-button and rotary dial delivers fast, accurate menu navigation.

Enhanced Diagnostic Accuracy – Enables faster troubleshooting and more precise diagnostics, reducing downtime and supporting data-driven maintenance decisions with storage capacity for up to 1,000 events.

Seamless Integration – Existing systems integration provides reliable, standardized communication for easy connection with a wide range of PLCs, BMS, and SCADA systems, with full support for Modbus RTU.

Optimized Voltage Stability – The integrated hybrid voltage regulator enhances generator performance by maintaining consistent voltage output under varying load conditions.



APM603

Onboard Paralleling & Load Management – Parallels up to 8 generator sets and manages up to 16 loads without the need for a master control panel.

Advanced Monitoring & Data Logging – Continuously captures and stores critical operational data with detailed event history for easy reporting and troubleshooting.

User-Friendly Operation – Large full-color touchscreen with intuitive controls for quick access to system information.

Secure & Reliable – Meets UL and NFPA standards with built-in protection, password access security, and simplified communication options.

Pedestal Design

- Streamlined pedestal design reduces overall size and weight
- Simplified engineering minimizes parts for greater efficiency and easier service





Enclosures

If you want to keep the weather out and the noise in, there's really only one way to go. Rehlko enclosures are bolstered by industrial steel or heavy duty aluminum and acoustic insulation to protect your investment and keep the noise down.

Standard Features

Custom Options
Multiple weather and sound enclosure options are available.

Certified Packages
Enclosures are UL 2200-listed, IBC-certified and meet up to 181-mph wind rating.

Quiet Performance
Our enclosures offer acoustic insulation to meet your quiet applications.

Advanced Corrosion Protection
Power Armor is a textured automotive-grade finish that surpasses a 3500-hour salt spray exposure test.

1. Advanced Door System

   Hinged doors, door handles, and door holders provide security, protection, and easy access for service.

2. Internal Exhaust System

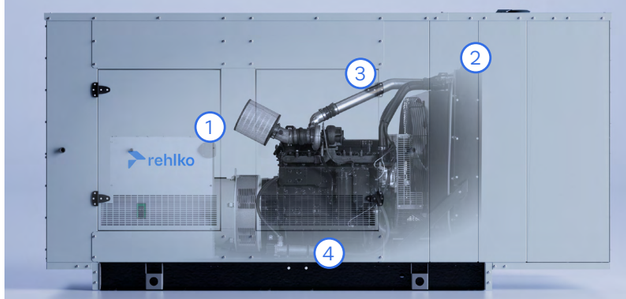
   Uses an insulated exhaust silencer to enhance safety, control exhaust temperatures, and significantly reduce noise levels.

3. Service Access

   Multiple personnel doors and removable panels offer easy access to generator control, fuel fill, fuel gauge, oil fill, and battery.

4. Oil and Radiator Drains

   Provide an easier, quicker way to service your generator.





Aftermarket Parts And Service

Reliable Everywhere. *Supported Where You Are.*

Power may be global, but service is personal. Rehlko's worldwide distributor and service network ensures customers have access to:

- Over 220 distributor partners across every continent
- Stocked Rehlko parts available within 24–48 hours
- Factory-trained technicians on-site within hours

Genuine Parts

Rehlko Genuine Parts are engineered, tested, and certified specifically for Rehlko generators to ensure optimal performance and durability.

Built to meet our highest quality standards, they help extend the life of your power equipment.

Rehlko *Warranties*: Your Guarantee Of *Peak Performance*

Rehlko People, Rehlko Parts

To ensure the very best outcomes, our factory-trained technicians complete all covered repairs using Rehlko genuine parts.

Peace Of Mind For Longer

Optional Extended Warranty solutions are a cost-effective way to reduce the risk of unexpected failure costs beyond your Standard Factory Warranty.

Global Support Team

Your equipment is supported by a global network of certified Rehlko distributor technicians and backed by factory-direct technical support services.

Tailored To You

Multiple options are available for Extended Warranties — so you can choose the one that's right for your application.



Performance Care 360

At Rehlko, we know your generator is the heartbeat of your operations and we're here to keep it running strong. Our Service Agreement Program, Performance Care 360, is built around proactive care, expert support, and genuine Rehlko parts, all delivered by technicians who know your equipment inside and out. With global availability through our distribution network, you can count on fast, reliable parts when it matters most.

With regular maintenance, priority service, and predictable costs, you'll avoid unexpected downtime and save on emergency repairs.

Plus, our frequent site visits help us better understand how you use your generator, so we can recommend improvements and even feed insights back into product development. It's more than a service plan, it's a partnership that powers your peace of mind.

Improved Reliability

Preventive care reduces the risk of unexpected failures.

Cost Savings

Avoid higher emergency repair costs and enjoy discounted rates.

Maximize Uptime

Optimize equipment performance utilizing Rehlko certified technicians and genuine parts.

Proactive Protection

Frequent check-ins minimize the risk of emergency.

Global Coverage

Feel confident that Rehlko can meet your generator parts and service needs wherever you are.



Creating An Energy Resilient World *For A Better Future*.

Sustainability Is Core To Every Major Decision We Make.

At Rehlko, sustainability isn't an afterthought, it's embedded in everything we do. We are committed to delivering reliable power solutions that help our customers meet their energy needs while reducing environmental impact.

Built For Renewable Fuels

Rehlko was the first in the industry to certify its entire range of diesel generators for use with hydrotreated vegetable oil (HVO) fuel. HVO is a renewable, drop-in solution that works seamlessly with any Rehlko diesel backup generator without any modifications. By switching to HVO, customers can maintain mission-critical reliability while reducing fuel lifecycle carbon emissions by up to 90% compared to conventional diesel. Made entirely from waste products, HVO represents a practical and immediate step toward a low carbon future.

Driving Transparency Through Environmental Product Declarations

In 2024, Rehlko launched its first Environmental Product Declaration (EPD) for the KD Series™ K175 generator, a market-first achievement that sets a new standard for transparency. EPDs provide customers with clear, verified data on the environmental impact of our products, empowering them to make informed, sustainable choices.

Investing In *The Future Of Energy*.

Our sustainability strategy extends beyond product innovation; it's about transforming how we operate and how we help customers achieve their goals.

Customer-Focused Solutions

Our Conscious Care™ program* is a comprehensive suite of solutions designed to help customers operate power systems reliably, sustainably, and cost-effectively. It includes renewable fuel options like HVO, advanced exhaust after-treatment systems, and innovative maintenance protocols that reduce GHG emissions and total cost of ownership.

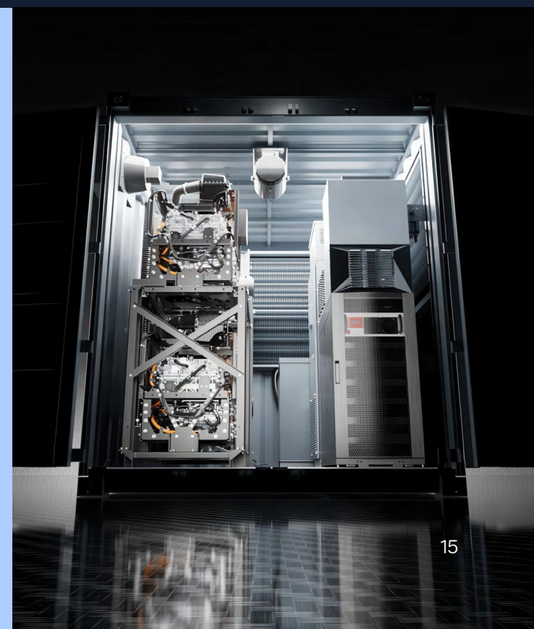
*Conscious Care is available for select generator models and configurations. Contact your Rehlko representative or distributor.

Driving Operational Excellence

We are reducing our own environmental footprint across global operations. In Brest, France, Rehlko switched all fuel usage from conventional fossil diesel to HVO, cutting the site's operational GHG emissions by 50%. At our Mosel, Wisconsin generator plant, we launched a waste reduction initiative following the 2022 expansion. Between 2022 and 2024, we achieved a 78% reduction in landfill waste. In Changzhou, China, we installed a 2,000 kW solar power system paired with 1,600 kW of battery storage, enabling on-site renewable energy generation and utilization.

Hydrogen Fuel Cell System Innovation

We are also pioneering hydrogen fuel cell systems that deliver the same proven resiliency and support as Rehlko generators with no emission at the point of use. In collaboration with Toyota Motor North America, we developed and installed a hydrogen fuel cell power generation system at Klickitat Valley Health hospital in Washington. This scalable, zero-emission solution combines Rehlko's power generation control expertise with Toyota's leading fuel cell technology, making it ideal for prime, peak shaving, and emergency applications. With configurations up to 1 MW, these systems can be tailored to meet the diverse needs of customers.





rehlko

For more information, contact your Rehlko source of supply.
Or call toll-free in the U.S. and Canada 800-544-2444

powersystems.rehlko.com

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