KD Series™
60–600 kW
Industrial Line

rehlko



Only power. Always *here.*

In September 2024, Kohler Energy rebranded to Rehlko, marking a pivotal milestone in our 100-plus-year journey. 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.

Toward an energy-resilient future *with customer-focused solutions*

Creating an energy-resilient world for a better future begins with practical, customer-centric innovations. Our Conscious Care™ program is a comprehensive suite of services designed to help customers operate their power systems more reliably, sustainably, and cost-effectively.
A key component of this program is the use of HVO (Hydrotreated Vegetable Oil)—a renewable fuel alternative that significantly reduces greenhouse gas emissions. Combined with tailored maintenance strategies, this approach supports both environmental responsibility and long-term operational efficiency.

Discover more at powersystems.rehlko.com/emea

Table of *contents*

The new standard in 60–600 kW *power* 4

A new benchmark in *backup power.* 5

New KD Series™ key *components* 6

The new KD Series™ engine *details* 7

Product *specifications* 8

X-Press / Modular *Generators* 9

Ergonomic & intuitive *Controllers* 10

Highest-quality *Enclosures* 12

Automatic transfer *switches* 13

Aftermarket parts *& services* 14



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 through 2027, expanding from initial models to a complete lineup engineered for every power need.

Power is the foundation *of reliability*

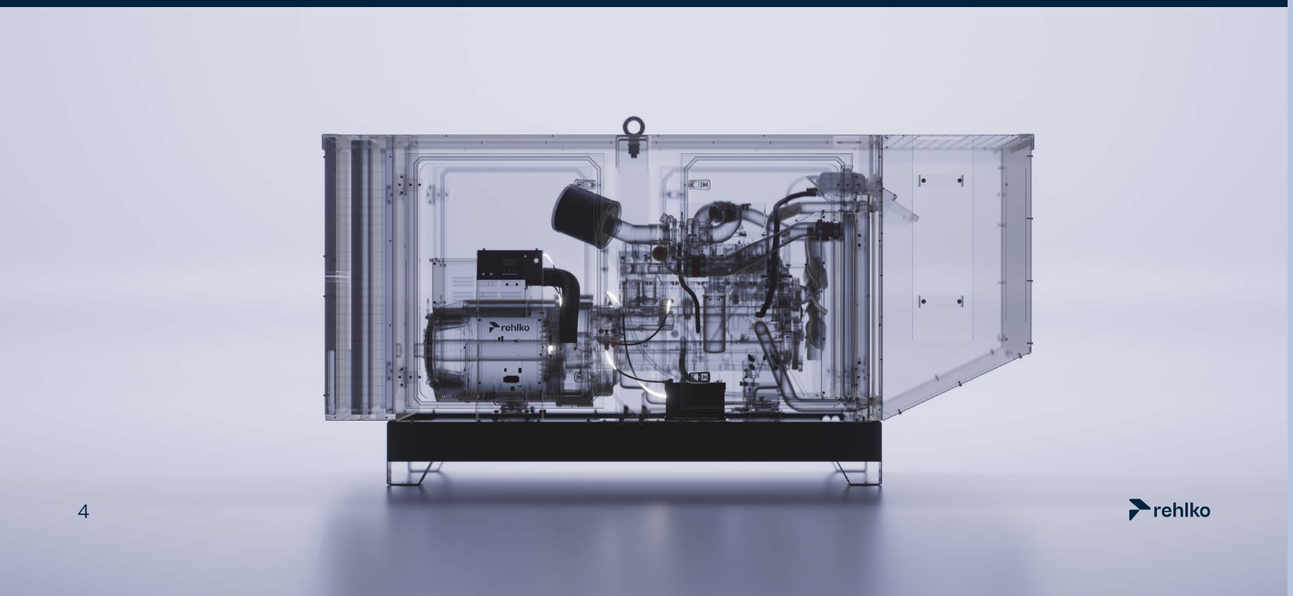
Our solutions are designed around the real-world challenges faced by the people who specify, install, and rely on critical power systems.

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, control systems, 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 enclosure 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 after-market support.

New KD Series™ key *components*



*On the opposite side

1. Engine electronic governor

Delivers precise control of fuel injection to optimize performance, improve fuel efficiency, and maintain stable engine speed under all load conditions.

2. Fuel pre-filtration

Effectively separates water from fuel to safeguard your engine's performance, prevent corrosion, and ensure long-lasting injector protection.

3. High ambient cooling systems

Designed to meet extreme operating conditions and keeping the generator running at full power

4. Efficient alternators

Provide advanced short-circuit capability and meet NEMA MG 1, IEEE, and ANSI standards; multiple alternator options are available, providing increased motor starting capabilities

5. Rehlko controller

Intuitive navigation with high-quality functions, allowing a simplified and reliable generator or power plant operation.

6. Robust base frame

With integrated containment bunds, combining strength and stability with built-in protection against fluid leakage to safeguard the environment.

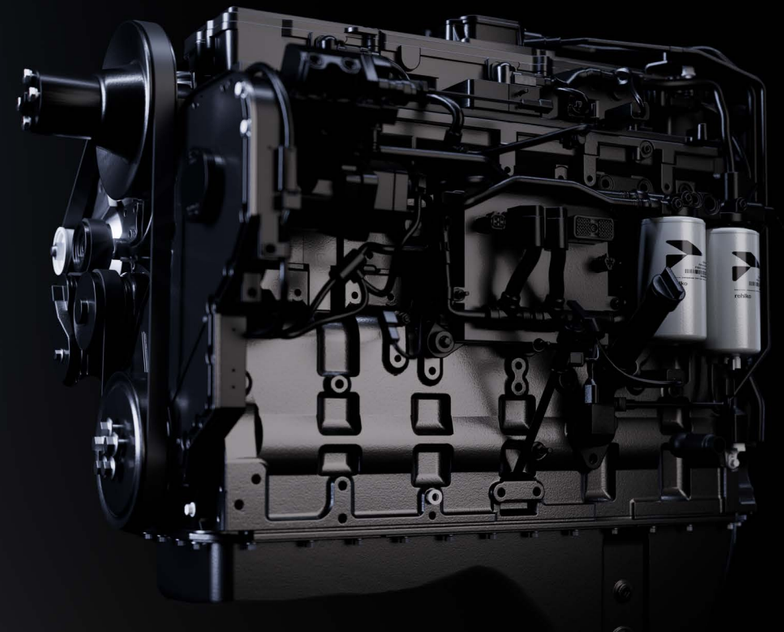
7. Premium steel enclosure

High-quality enclosure engineered to ensure the maximum protection of the components and a reliable performance in any environment

8. Options and accessories

Extended fuel tank capacity, battery isolator switch, battery charger, automatic fuel filling system, engine water preheating system

New KD Series™ | Engine *features*



Rehlko G-drive engines: Compact power, *uncompromising performance*

Rehlko G-drive engines deliver all the strength and reliability the genset industry demands—now in a smaller, lighter, and more economical package. Designed for maximum efficiency, these engines feature direct fuel injection, ensuring cleaner combustion, quieter operation, and significantly improved fuel economy.

Thanks to their ultra-compact cylinder envelope and low heat rejection, Rehlko engines offer exceptional installation flexibility, even in space-constrained environments. Their low weight and high power density make them ideal for stationnary applications.

Product *specifications* | 60 – 600 kW



50 Hz | 1500 rpm | 400/230 V Specifications			60 Hz | 1800 rpm | 208/120 V (1) Specifications		General Specifications							
Generator	kVA		Generator	kWe		Engine Brand	Engine Type	Cyl	Cyl (L)	Open/Enclosed Dimensions	Tank (L)	db(A) 1m enclosed 50/60 Hz	Controller
	PRP	ESP		PRP	ESP								
KD66	60	66	KD60U	54	60	Rehlko	KD39L04	4L	3.92	1.89x1.07x1.31/ 2.47x1.11x1.46 (M147)	181	80/85	APM303 APM403(2)
KD88	80	88	KD80U	70	77							80/86	
KD110	100	110	KD100U	86	95							80/84	
KD130	118	130	KD120U	104	115	Rehlko	KD59L06	6L	5.88	2.15x1.10x1.53/ 2.94x1.15x1.61 (M148)	256	79/87	
KD165	150	165	KD150U	133	146							81/87	
KD200	182	200	KD160U	146	161	Rehlko	KD83L06	6L	8.27	2.50x1.10x1.64/ 3.59x1.15x1.90 (M149)	344	81/84	
KD220	200	220	KD180U	165	181							80/86	
KD250	227	250	KD230U	206	226							81/88	
KD275	250	275				Rehlko	KD89L06	6L	8.88	2.97x1.35x1.69/ 4.10x1.41x2.15 (M237)	422	82	APM403
KD300	273	300				Rehlko	KD95L06	6L	9.38			83	
KD350	318	350										83	
KD500	455	500				Rehlko	KD15L06	6L	14.5	3.34x1.5x1.96/ 4.88x1.56x2.45 (M238)	598	81	
KD550	500	550										80	

Your energy, *your choice*
Standard or modular generators

X–press Generators
Immediate availability
with standard generators held in stock.

Need a reliable power solution—fast?
Sixteen industrial generator models operating at 50/60 Hz, ranging from 60 to 230 kWe, are stocked across our different region and ready for rapid delivery.



Ordering a generator during the planning or production phase
Reduces the lead time to the minimum

Ordering a generator available on the platform
Means it is available immediately

Modular Generators
Tailored to *Your Needs*

For each configurable generating sets, Rehlko offers a wide range of options to:

Facilitate maintenance

Enhance user *safety*

Adapt to specific *environments*

Options Overview :

- Battery isolator switch
- Engine water preheating system
- Automatic fuel filling pump
- Analog measurements display
- Air discharge duct
- Double wall Base Frame with 24 or 48–hours tank
- Loose silencer in open version 9 or 29 or 40 dB(A)
- APM403 Controller
- Maintenance kits

Place an order now



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

APM303

The essentials, made simple

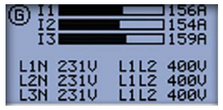
The APM303 is a versatile unit equipped with a particularly intuitive LCD screen. It offers high-quality basic functions, allowing easy and reliable operation of your generator. This unit is mounted on a console on all generators designed for LV industrial applications with and without a source transfer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

Measurements

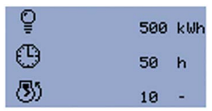
LCD Display Examples



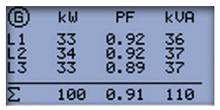
Overview Display



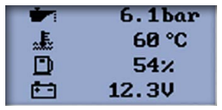
Current & voltage



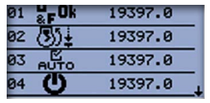
Counters



Outputs



Mechanical Measurements



History & alerts

RS485 SUPERVISION

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

Functions

- Manual and automatic mode (with auto start input)
- Generator protection and management
- Electrial 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
- 2 MODBUS RTU RS485

Operation Conditions

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

rehlko

Controllers



1. Screen a/menu change keys
2. Screen scroll keys
3. Operation modes
4. Navigating between menus
5. Button for confirming editing or returning to the home screen
6. Generator start/stop button
7. Fault reset button
8. Horn Desactivation Button
9. Circuit breaker opening/closing buttons

APM403

Intuitive, simple and connected

Flexible Configuration

- Technical solutions can be broken down for multi-configurations:
  - APM403S for SOLO operation
  - APM403P for PARRALEL operation (up to 8 generators)
- Specific application variables can be customized

Intuitive Navigation And Simplified Generator Or Power Plant Operation

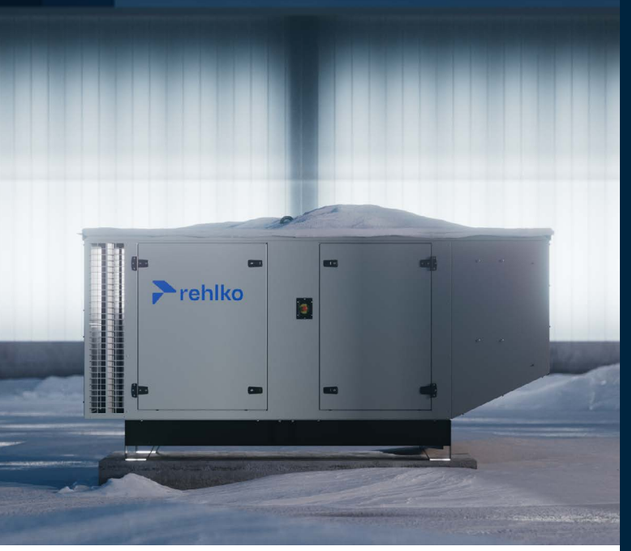
- Multilingual support
- Simple, intuitive configuration specific to operating scenarios

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

rehlko

Enclosures



Highest-quality components

The service life of the electrical generating set is optimized, thanks to the high quality of its enclosure and base frame. These protect its components and ensure it operates correctly, even in the most extreme conditions (e.g., high temperatures, dust, humidity, sand). Made from carefully selected materials, they are subjected to numerous tests to ensure their resistance against bad weather and difficult climate conditions.

Rehlko selects its base frames and enclosures according to very strict criteria, and they are all produced in France. Rehlko's design teams can offer you the best enclosure design, with the aim of optimizing the performance of generating sets while also offering enhanced ergonomics, a more compact design and greater modularity.

Standard *features*

High-quality materials

- Enclosure made from European grade electro-galvanized steel
- Base frame with two coats of paint
- Optimized design protects against corrosion (preventing water ingress and stagnation)
- Highly durable QUALICOAT-certified epoxy paint, specially developed for Rehlko

Numerous resistance tests to ensure an optimum service life

- Enclosures and base frames tested and analyzed by the French Corrosion Institute
- Enclosures guaranteed to withstand the most extreme conditions with exposure to salt spray (according to ISO12944 standard)
- Monthly conformity tests according to requirements via supplier samples
- Annual UV resistance testing
- Evaluation of corrosion resistance and spread prevention
- 100% of tanks are tested for permeability, to prevent any risk of leaks

Safety of people and property

- Electrical continuity ensured for the enclosure/base frame assembly
- Personal protection ensured by protective grilles
- Hot and rotating parts of the enclosures meet the strictest standards (machinery directive 2006/42/EC)
- Ergonomic access to allow easy maintenance and connection
- Base frame with retention to protect the environment
- Stainless IP64 locks
- Modular circuit breaker adapted to the short-circuit current of the generating set.

Automatic transfer *switches*



VERSO 100 **VERSO 150D** **VERSO 200**

Protecting *your power* and your business.

With a wealth of expertise in the energy business, Rehlko offers a range of three automatic transfer switches, to meet all your requirements and adapt to your specific needs:

Ats model	VERSO 100		VERSO150D	VERSO 200		
	VERSO 100S	VERSO 100D				
Value proposition	Reliable user-friendly compactness		Reliable up to 50°c designed for frequent grid fluctuations	Fully autonomous ideal for low-voltage applications		
Ratings (a)	35, 63, 100, 125, 160		63, 100, 160	200, 250, 400, 630	800, 1000, 1250, 1600	2000, 2500, 3200
Type	3-Phase					
Voltage range Frequency	208/220/230/240V & 380/400/415/440 V – 50-60Hz					
Display & settings	Potentionmeter	Via LCD display	Potentionmeter	By LCD – supplied with manually-operated key Can be padlocked in manual mode		
Protection index	IP31	IP54	IP65	IP20 (IP55 in option)	IP55	IP55
Dimensions l x w x h (m)	0,39 x 0,39 x 0,19	0,6 x 0,4 x 0,2	0,5 x 0,4 x 0,2 *160A: 0,5 x 0,5 x 0,2	0,84 x 0,64 x 0,45 IP55 : 1,75 x 0,7 x 0,5	2,15 x 0,9 x 0,7 *1600A: 2,15 x 1,1 x 0,7	2,15 x 1,1 x 0,9

Aftermarket parts and *services*



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
- Rehlko Direct Service and Sales Offices in key European markets including the UK, France, Spain, and Germany.

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.

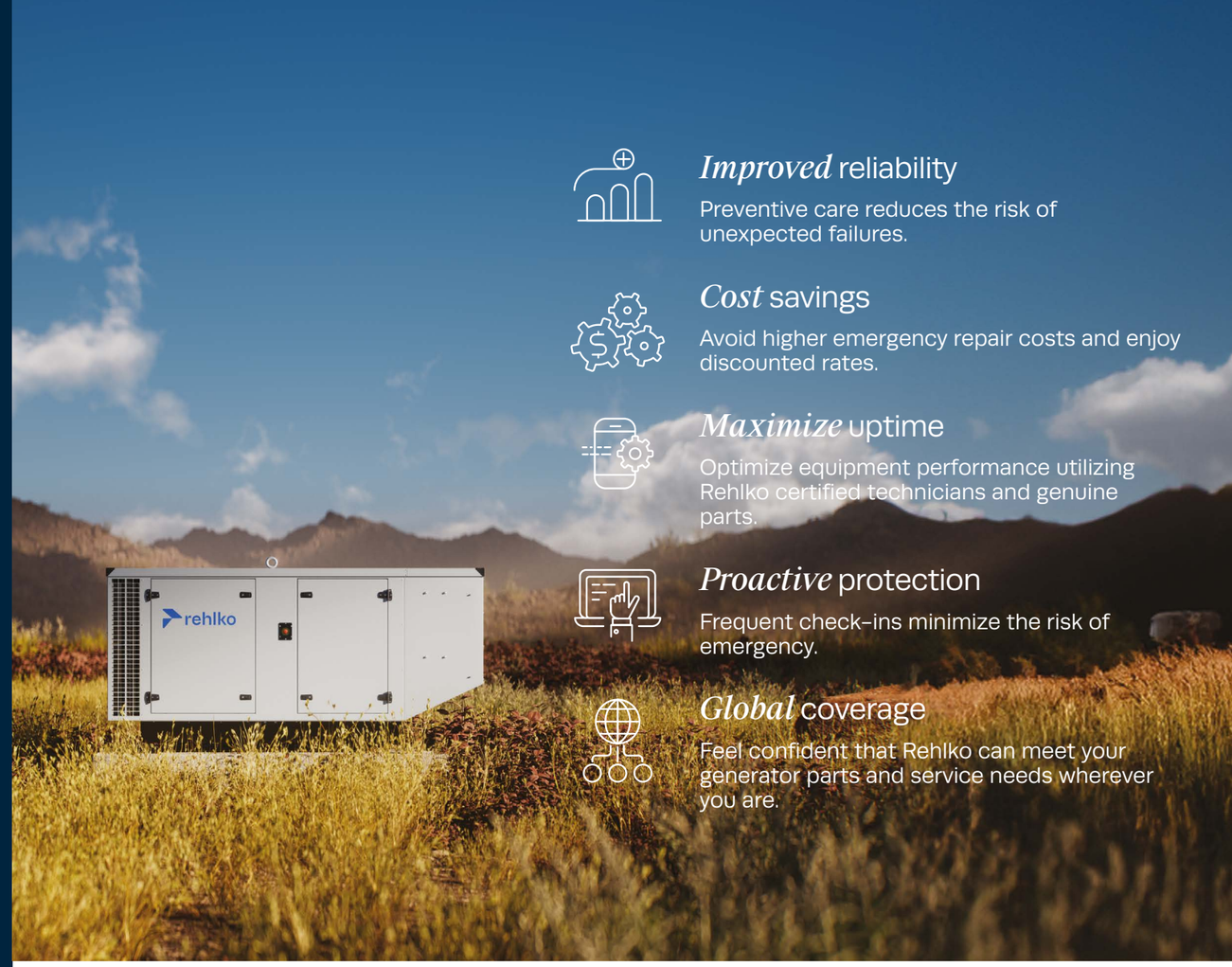
Performance Care 360

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.

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.

rehlko



Europe, Africa & Middle East (EMEA)

Contact Us

powersystems.rehlko.com/emea