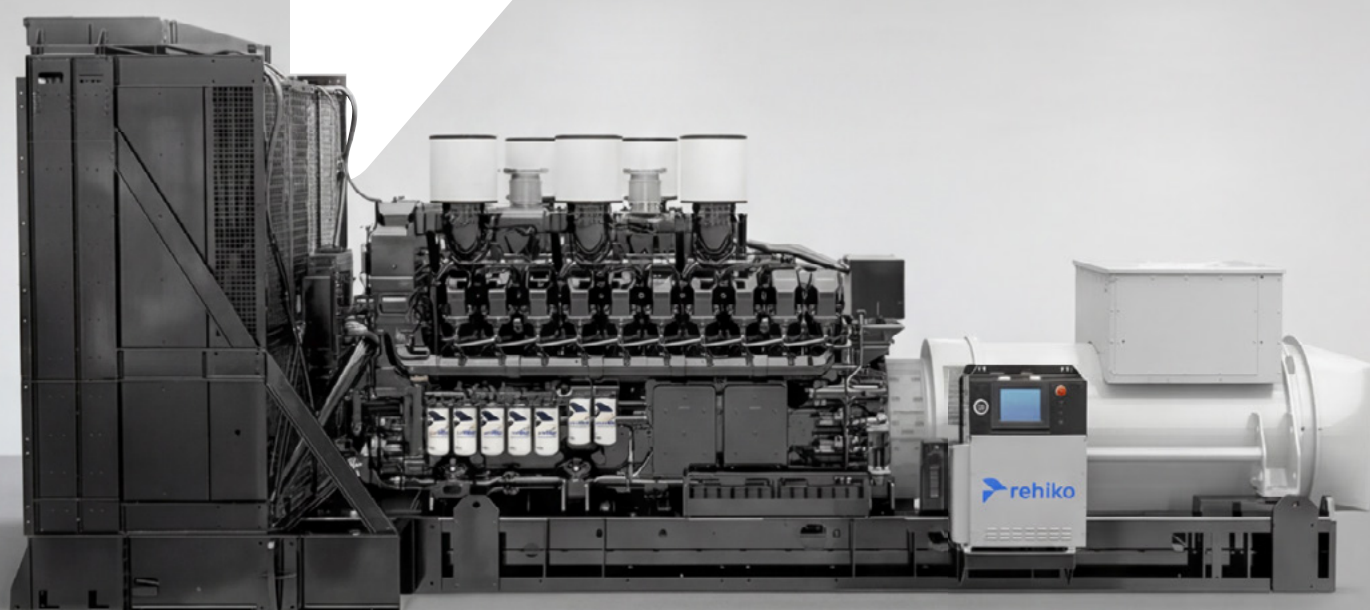




SEA *Full line*

Industrial generators

6 kVA – 4500 kVA



Power is
what we do



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Introduction

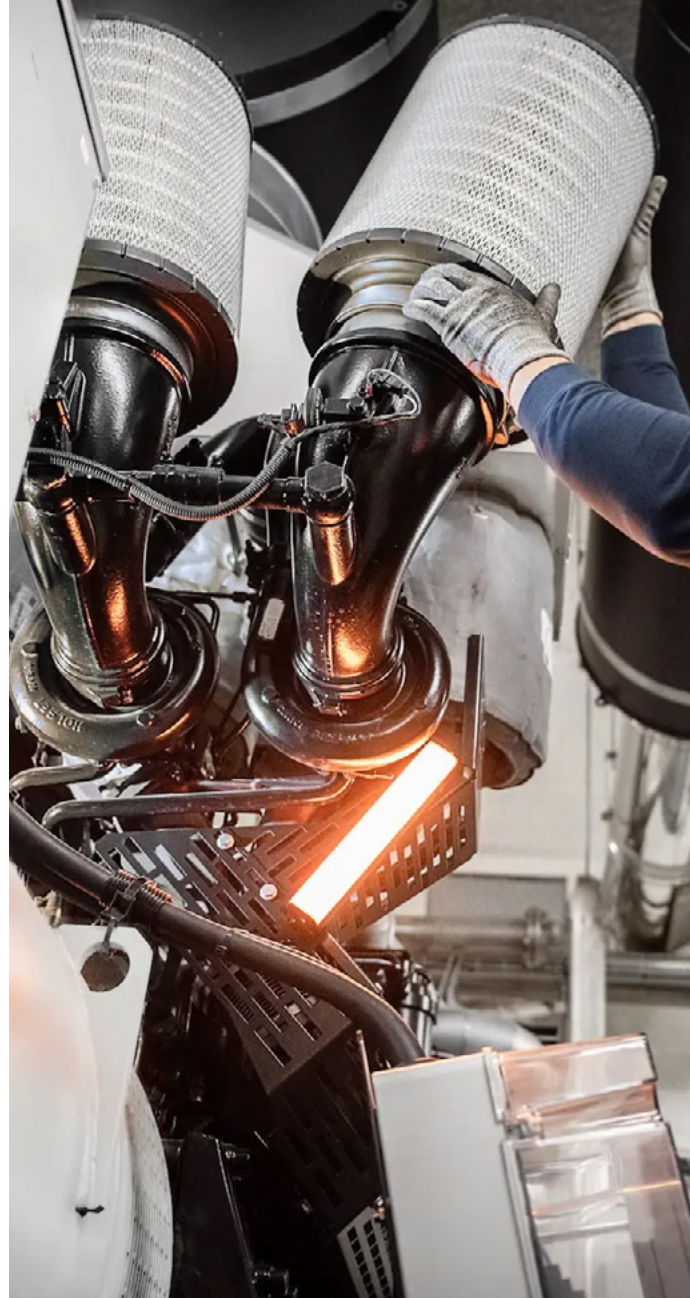
We give the world *Power*

About Power Systems

Power Systems, Rehlko's largest 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 cells systems, automatic transfer switches, switchgear, monitoring controls, genuine parts and end-to-end services. As a global company with service partners in every country, Power Systems provides reliable, cutting-edge technology to keep industries and businesses running.

About Rehlko

A global leader in energy resilience, 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. Leveraging the strength of its portfolio of businesses – Power Systems, Home Energy, Uninterruptible Power, Clarke Energy, Heila Technologies, and Engines, and more than a century of industry leadership, Rehlko builds resilience where and when the grid cannot, and goes beyond functional, individual recovery to create better lives and communities, and a more durable and reliable energy future.





Solutions for All Sectors

Rehlko offers reliable diesel and gas generator sets, ranging from 6 to 4,500 kVA, to meet a variety of energy needs, including continuous and backup power. Our solutions are designed for diverse applications across all sectors, such as data centers, healthcare, water treatment, telecommunications, construction, energy production, transport, retail, and distribution.

Service and Support: The Assistance You Need Anytime, Anywhere

With numerous direct service centers and more than 800 distributors worldwide, Rehlko's customers are guaranteed an emergency service 24/7 and reactive after sales support. Our certified factory-based technicians enjoy regular training and are always ready to provide a troubleshooting service, advice and post-installation service and support.

Our Tried-and-Tested Process: Total Integrity at Every Step

From the initial contact to project planning, execution and maintenance, Rehlko offers you complete end-to-end assistance.

Our dedicated project team evaluates the scope, demands and challenges of your project and provides you with full support and transparency at each stage. By working in close collaboration with you, we ensure that your project is equipped with reliable power supply systems tailored to your specifications and your budget.

The Rehlko Difference

We're here to be
your power *partner*

From initial contact through planning, project execution to maintenance, Rehlko provides you with complete end-to-end support. Our dedicated project team assesses your project scope, requirements and challenges, and provides full support and transparency throughout every stage of the project. By working closely with you, we ensure that your project is equipped with reliable, custom-designed power systems tailored to your specifications and budget.

Our custom process: start to finish

This is where reliable products, collaboration and customization come into their own. Increasingly, engineering consultants charged with overseeing generator selection want to work with suppliers who can help smooth the sizing and selection process from start to finish. It requires dealing with a supplier who can offer access to a multi-disciplinary team – including engineering, tendering and sales – to help progress through to detailed designs.



Total systems integration

As a single-source provider, you can be confident that every power system features components designed, manufactured, and tested by Rehlko. Total system integration assures you that no matter how large or complex the project, everything works together seamlessly—from packaged generators and transfer switches to paralleling switchgear and controllers.

Customized solutions

Your power system is customized, built and tested by a dedicated team of experienced engineers and technicians, which means it can meet the most demanding specifications. Our team has designed power systems for hundreds of power plants. When you combine our industry experience with our agile manufacturing process, you get reliable, purpose-built solutions.

Rehlko power system has developed a unique walk-in container solution for mission critical customers. This solution, designed by the power systems teams, allows us to integrate our entire KD Series range, up to the KD4500, into a modular design.

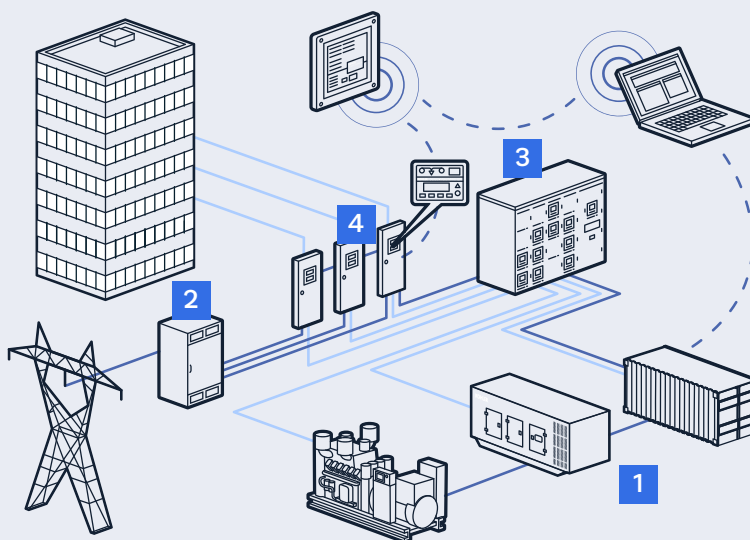
Based on oversized dimensions compared to our enclosure solutions, this solution allows easy access for maintenance, integration of many equipment and quick installation on site.

End to end management

From planning the design and selecting the equipment to testing and commissioning, we're focused on delivering reliable, custom-designed power systems tailored to your specifications. Agile manufacturing, rigorous testing and careful commissioning assure you of a solution that fits your business—and your budget.



Walk-in container solution



- 1 Rehlko CONTROLLER APM403 or APM802**
controls paralleling breaker and enables load sharing and synchronization for up to eight generators. The APM802 can also handle load add/shed as well as number of generators online if used without a master control panel
- 2 MASTER CONTROL PANEL**
Handles load add/shed, number of gensets online, monitors event logging and alarms
- 3 POWER DISTRIBUTION SWITCHBOARD**
Accommodates paralleling and distribution breakers if not installed on the generator
- 4 AUTOMATIC TRANSFER SWITCH**
Intelligently selects the power source and transfers loads

Power solutions: B Series Generators



Simple solution.
Quick delivery

A simple yet effective solution for customers who need dependable backup power without unnecessary complexity. Built with proven engineering and streamlined controls, it offers ease of operation while maintaining the reliability that critical applications demand. This makes it an accessible choice for organizations seeking straightforward power assurance.

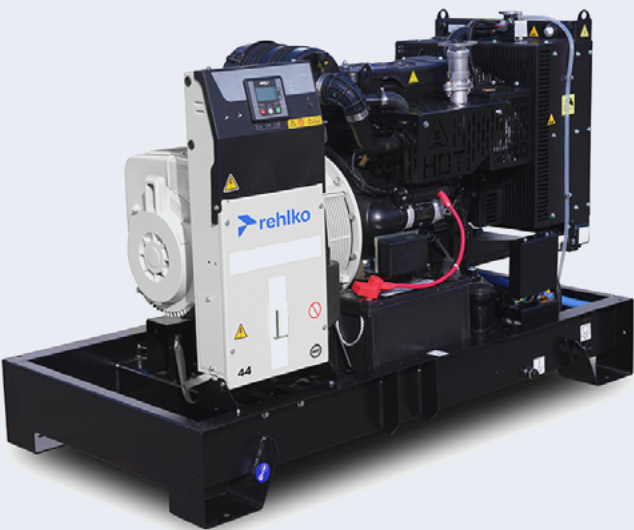
Robust Performance

Engineered to meet industry standards, it ensures operational continuity and provides reliable backup power that is ready and available when it matters most.

Standard Configuration

All the components are pre-defined and rigorously tested during the development. It ensures swift delivery to customer sites with straightforward installation.

B Series



50Hz

Below rating based on 230/400V

Models	Standby Rating	Prime Rating	Engine		Controller
	kVA	kVA	Displacement (L)	Configuration	
B25	25	23	2.29	L-4	APM303
B44	44	40	2.29	L-4	APM303

Power solutions: T Series Generators



Tough, Uncomplicated, *Optimized solution*

Designed with mechanical engine that prioritizes simplicity and durability. Built to deliver consistent output under demanding conditions, these models ensure dependable performance for general applications without unnecessary complexity.

Straightforward Operation

Designed for those who prioritize practicality over unnecessary complexity, this solution delivers a thoughtfully streamlined experience focused on ease and reliability. It combines intuitive functionality with straightforward operation, allowing users to quickly understand and utilize its features.

Simply Powerful

Whether deployed in industrial, commercial, or community settings, the T Series delivers confidence through straightforward engineering excellence. It delivers consistent, rugged performance you can trust—keeping your operations running smoothly with a focus on purely functional power.

T Series



50Hz

Below rating based on 230/400V
* Rating based on 230V, 1ph V

Models	Standby Rating	Prime Rating	Engine		Controller
	kVA	kVA	Displacement (L)	Configuration	
T9M *	8.7	7.9	1.32	L-3	APM303/APM403
T12M *	12	10.9	1.76	L-4	APM303/APM403
T12	12	10.9	1.32	L-3	APM303/APM403
T16	16	14.5	1.76	L-4	APM303/APM403

60Hz

Below rating based on 277/480V
* Rating based on 240V, 1ph V

Models	Standby Rating	Prime Rating	Engine		Controller
	kW	kW	Displacement (L)	Configuration	
T11UM *	11	10	1.32	L-3	APM303/APM403
T16UM *	15	13.6	1.76	L-4	APM303/APM403
T11U	11.5	10.5	1.32	L-3	APM303/APM403
T16U	16	14.6	1.76	L-4	APM303/APM403

Power solutions: J Series Generators



Premium power. *Proven Performance*

The Rehlko J Series generators are crafted for organizations that demand uncompromising performance with high-quality power output, ensuring mission-critical operations remain uninterrupted. Their robust engineering and premium components make them the trusted for critical application.

Compact Power

Compact yet powerful, these generators are engineered to deliver high performance within a streamlined and space-efficient design, making them well-suited for a wide range of applications. Their versatile form factor allows them to integrate seamlessly into diverse environments.

Adaptive Control

These generators are designed with adaptability, offering customizable configurations that can be tailored to meet specific operational needs and constraints. This flexibility allows users to optimize performance and align functionality with their unique application requirements.

J Series



50Hz

Below rating based on 230/400V

Models	Standby Rating	Prime Rating	Engine		Controller
	kVA	kVA	Displacement (L)	Configuration	
J22	22	20	2.91	L-3	APM303/APM403
J33	33	30	2.91	L-3	APM303/APM403
J44	44	40	2.91	L-3	APM303/APM403

60Hz

Below rating based on 277/480V

* Rating based on 240V, 1ph

Models	Standby Rating	Prime Rating	Engine		Controller
	kW	kW	Displacement (L)	Configuration	
J20UM *	20	18.2	2.91	L-3	APM303/APM403
J30UM *	28.3	25.7	2.91	L-3	APM303/APM403
J40UM *	39	35.5	2.91	L-3	APM303/APM403
J20U	20	18.2	2.91	L-3	APM303/APM403
J30U	30	27.3	2.91	L-3	APM303/APM403
J40U	40	36	2.91	L-3	APM303/APM403

Power solutions: K Series Generators



Compact power. *Reliable Performance*

Engineering excellence with proven reliability and robust power in a compact footprint, making them ideal for installations where space is limited but performance cannot be compromised. Customers benefit from a generator that balances strength with practicality.

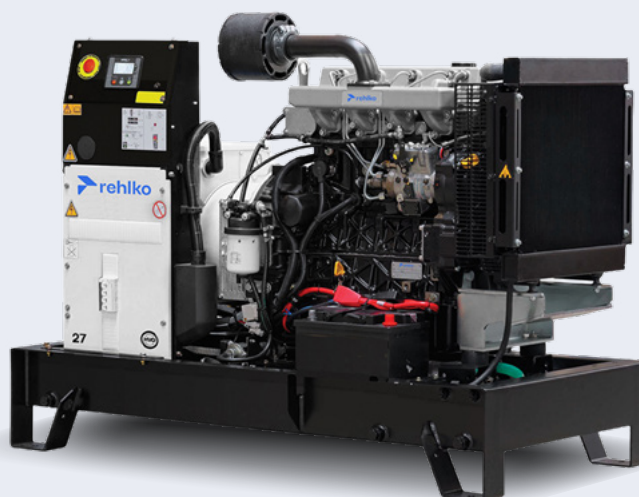
Reliable Performance

The Rehlko generator set delivers smoother power output with consistent stability, ensuring optimal performance for sensitive and high-demand equipment. Engineered for durability, it maintains dependable reliability even under challenging and fluctuating load conditions.

Efficient Power

It provides steady, consistent energy output while minimizing environmental impact. Designed with advanced engineering, it delivers reduced emissions without compromising performance, and its robust construction enhances durability for long-term use. This combination ensures reliable operation and greater efficiency.

K Series



50Hz

Below rating based on 230/400V | * Rating based on 230V, 1ph

Models	Standby Rating	Prime Rating	Engine		Controller
	kVA	kVA	Displacement (L)	Configuration	
K6M *	6.4	5.8	1.03	L-3	APM303/APM403
K10M *	9	8.2	1.37	L-4	APM303/APM403
K17M *	15.2	13.8	1.86	L-3	APM303/APM403
K26M *	25	22.7	2.48	L-4	APM303/APM403
K9	8.9	8.1	1.03	L-3	APM303/APM403
K12	12	10.9	1.37	L-4	APM303/APM403
K12C5	10.5	9.5	1.37	L-4	APM303/APM403
K20C5	19	17.3	1.86	L-3	APM303/APM403
K22	21	19.1	1.86	L-3	APM303/APM403
K27	27	24.5	2.48	L-4	APM303/APM403
K33	33	30	2.48	L-4	APM303/APM403
K33C3	33	30	2.48	L-4	APM303/APM403
K44	44	40	2.48	L-4	APM303/APM403
K44C3	40	40	2.48	L-4	APM303/APM403

60Hz

Below rating based on 277/480V | * Rating based on 240V, 1ph

Models	Standby Rating	Prime Rating	Engine		Controller
	kW	kW	Displacement (L)	Configuration	
K9UM *	8	7.3	1.03	L-3	APM303/APM403
K12UM *	11	10	1.37	L-4	APM303/APM403
K20UM *	18	16.4	1.86	L-3	APM303/APM403
K30UM *	30	27.3	2.48	L-4	APM303/APM403
K40UM *	40	36.4	2.48	L-4	APM303/APM403
K9U	8.4	7.6	1.03	L-3	APM303/APM403
K12U	11.6	10.6	1.37	L-4	APM303/APM403
K20U	19	17.3	1.86	L-3	APM303/APM403
K25U	24.2	22	2.48	L-4	APM303/APM403
K30U	30	27.3	2.48	L-4	APM303/APM403
K40U	40	36	2.48	L-4	APM303/APM403

Power solutions: V Series Generators



Emission optimized. *Powerful Performance*

The Rehlko V Series generator delivers consistent, mission-critical power while meeting modern emission standards. Its advanced diesel technology ensures dependable performance for hospitals, data centers, and industrial facilities, combining reliability with a cleaner, more sustainable footprint.

Smart Efficiency

Engineered with a compact design for easy installation and operation, the V Series simplifies power management without compromising performance. Its intelligent load management system optimizes energy use, helping to reduce operating costs while maintaining reliable output.

Emission Optimized

The emission optimized setting delivers environmentally responsible performance. By reducing exhaust output, it helps businesses lower their carbon footprint while maintaining reliable power. This commitment to cleaner energy supports global sustainability efforts and enables organizations to operate more responsibly without compromising long-term efficiency or performance.

V Series



50Hz

Below rating based on 230/400V

Models	Standby Rating	Prime Rating	Engine		Controller
	kVA	kVA	Displacement (L)	Configuration	
V350C2	350	318	12.78	L-6	APM403
V400C2	390	355	12.78	L-6	APM403
V440V2	440	400	12.78	L-6	APM403
V500C2	500	455	12.78	L-6	APM403
V550C2	550	500	12.78	L-6	APM403
V650C2	650	591	16.12	L-6	APM403
V715C2	715	650	16.12	L-6	APM403

60Hz

Below rating based on 277/480V

Models	Standby Rating	Prime Rating	Engine		Controller
	kW	kW	Displacement (L)	Configuration	
V300U	300	273	12.78	L-6	APM403
V350U	350	318	12.78	L-6	APM403
V400UC2	400	364	12.78	L-6	APM403
V500UC2	500	454	16.12	L-6	APM403
V550UC2	550	500	16.12	L-6	APM403
V600UC2	600	546	16.12	L-6	APM403

Power solutions: B Series Generators



Reliable power simplified

The Rehlko B series generator sets are equipped with proven robust engines, high-performance alternators and intelligent APM control systems, specially tailored for large commercial buildings, airports, hospitals, telecommunications and any other industries.

Stable Performance

The Rehlko B Series generators equipped with Baudouin engines offers competitive products that use proven technology. These generators are configured products which are ready to use right from installation.

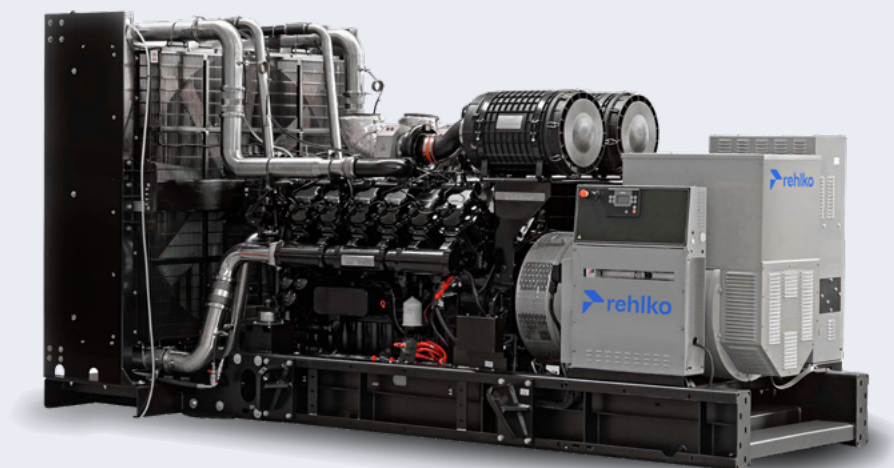
Ease of Maintenance

The Rehlko B Series uses common spare parts across the B Series minimizing inventory storage space and simplifying the maintenance operations.

Xpress Stock

The Rehlko B series models are stocked in pre-determined configurations (Open, Enclosed & Container) to allow quick delivery with the shortest possible lead time to customers with pressing timeline.

B Series



50Hz

Below rating based on 230/400V

Models	Standby Rating	Prime Rating	Engine		Controller
	kVA	kVA	Displacement (L)	Configuration	
B900	900	818	31.8	V-12	APM403
B1000	1000	909	31.8	V-12	APM403
B1100	1125	1023	31.8	V-12	APM403
B1250	1250	1136	39.2	V-12	APM403
B1400	1400	1273	39.2	V-12	APM403
B1500	1513	1375	39.2	V-12	APM403
B1650	1650	1500	39.2	V-12	APM403

Power solutions: D Series Generators



Dependable power for everyday demand

The Rehlko D Series is a highly reliable power solution, extensively tested and qualified for long running hours in demanding applications.

To support fast project timelines, the D Series is also available in Xpress Configuration for shorter lead times, while also offering options to meet unique installation requirements.

Highest Power Density

The Rehlko D Series features one of the highest power density models by utilizing advanced engine design and optimized components, enabling more kVA available per Litre.

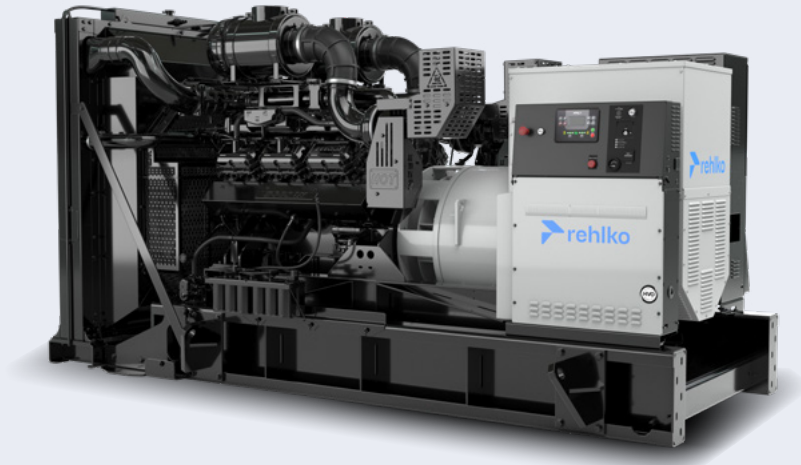
Fuel Efficient

The Rehlko D Series models offer exceptional fuel efficiency by using common rail setup and intelligent control systems, making it a cost-effective solution for any power application.

Improved Vibration

The Rehlko D Series model with DP222CB & CC engines have an additional reinforced mounting added to the base skid, significantly reducing the overall vibration of the generator.

D Series



50Hz

Below rating based on 230/400V

Models	Standby Rating	Prime Rating	Engine		Controller
	kVA	kVA	Displacement (L)	Configuration	
D275	275	250	11.05	V-6	APM303/APM403
D300	300	273	11.05	V-6	APM303/APM403
D330	330	300	11.05	V-6	APM303/APM403
D440	440	400	14.62	V-8	APM303/APM403
D550	550	500	14.62	V-8	APM303/APM403
D630	630	573	18.27	V-10	APM303/APM403
D700	700	636	18.27	V-10	APM303/APM403
D830	825	750	21.93	V-12	APM303/APM403
D900	900	818	21.93	V-12	APM403
D1000	1000	909	21.93	V-12	APM403

60Hz

Below rating based on 277/480V

Models	Standby Rating	Prime Rating	Engine		Controller
	kW	kW	Displacement (L)	Configuration	
D250U	250	228	11.05	V-6	APM303/APM403
D300U	300	273	11.05	V-6	APM303/APM403
D400U	400	364	14.62	V-8	APM303/APM403
D500U	500	454	14.62	V-8	APM303/APM403
D600U	600	546	18.27	V-10	APM303/APM403
D750U	750	682	21.93	V-12	APM303/APM403

Power solutions: REOZM/KM Series Generators

Packed with power,
engineered for
total performance

The need for constant and stable power in today's business environment is vital to keep operations up and running with minimal disruption. Power reliability is required to ensure maximum uptime and provide total peace of mind.

The REOZM/KM series generators offer total, reliable and continuous power, accepting one-step full rated load. Incorporating Rehlko's innovative technology, the REOZM/KM range enables a seamless integration that allows versatile system configurations for dependable performance and uptime reliability.

Industry Standards

The Rehlko generators meet the tough industry testing and quality standards (ISO8528, ISO3046, ANSI, IEEE, NFPA etc.)

Optimum Performance

The REOZM/KM series use Mitsubishi electronic injection engines, PMG alternators and APM intelligent control systems to deliver optimum performance and fast response time.

Customization

The REOZM/KM series is highly customizable to cater for the most complex projects, ensuring it meets all requirements and expectations.

REOZM/KM Series



50Hz

Below rating based on 230/400V

Models	Standby Rating	Prime Rating	DCP Rating	Engine		Controller
	kVA	kVA	kVA	Displacement (L)	Configuration	
1250REOZM	1390	1270	1390	49.0	V-12	APM403
1600REOZM	1810	1650	1810	65.4	V-16	APM403
1800REOZM	1985	1813	1985	65.4	V-16	APM403
2000REOZM	2250	2044	2250	65.4	V-16	APM403
KM2500	2500	2250	2500	79.9	V-16	APM403
KM2800	2750	2500	2750	79.9	V-16	APM403

60Hz

Below rating based on 220/380V

Models	Standby Rating	Prime Rating	DCP Rating	Engine		Controller
	kW	kW	kW	Displacement (L)	Configuration	
1250REOZM	1285	1165	1285	49.0	V-12	APM403
1500REOZM	1505	1365	1505	65.4	V-16	APM403
1600REOZM	1625	1480	1625	65.4	V-16	APM403
2000REOZM	2000	1820	2000	65.4	V-16	APM403/APM603

Power solutions: KD Series Generators



Fully Integrated Rehlko System. *Unmatched build quality*

Rehlko's KD Series™ 60–600kW undergoes rigorous prototyping and comprehensive testing in our advanced labs—evaluated for thermal balance, noise control, electrical safety, vibration stability, and long-term performance. Nothing leaves our facility without proving its reliability. Built with a rugged frame, sealed fuel tank, and durable steel enclosure, each unit delivers superior leak protection and corrosion resistance, ensuring dependable operation even in the most demanding conditions.

Uncompromising Performance

KD Series™ 60–600 kW delivers all the strength and reliability the genset industry demand. It is now in 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.

Engineered Excellence

It 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 unwavering reliability under dynamic conditions. Optimized vibration performance meeting ISO8528-9 standard and corrosion protection meeting ISO12944 standard.

Optimized Package

The conception of the range and the preconfigured equipment have been designed to allow you to benefit from the best value. Extensive configuration options available, including voltage, frequency, enclosures, control systems and modular accessories easily configured to meet your site needs, regional codes, standards and certification requirements.

KD Series



50Hz

Below rating based on 230/400V

Models	Standby Rating	Prime Rating	Engine		Controller
	kVA	kVA	Displacement (L)	Configuration	
KD66	66	60	3.92	L-4	APM303/APM403
KD88	88	80	3.92	L-4	APM303/APM403
KD110	110	100	3.92	L-4	APM303/APM403
KD130	130	118	5.88	L-6	APM303/APM403
KD165	165	150	5.88	L-6	APM303/APM403
KD200	200	182	8.27	L-6	APM303/APM403
KD220	220	200	8.27	L-6	APM303/APM403
KD250	250	227	8.27	L-6	APM303/APM403

60Hz

Below rating based on 220/380V

Models	Standby Rating	Prime Rating	Engine		Controller
	kW	kW	Displacement (L)	Configuration	
KD60U	60	54	3.92	L-4	APM303/APM403
KD80U	77	70	3.92	L-4	APM303/APM403
KD100U	87	79	5.88	L-6	APM303/APM403
KD120U	109	99	5.88	L-6	APM303/APM403
KD150U	146	132	5.88	L-6	APM303/APM403
KD160U	160	146	8.27	L-6	APM303/APM403
KD180U	176	160	8.27	L-6	APM303/APM403
KD230U	216	196	8.27	L-6	APM303/APM403

Power solutions: KD Series Generators

Massive power in a compact package

Rehiko G-Drive diesel generators are manufactured with the highest-quality materials and systems. Engineered over a six-year period for use in generator set applications only, its engines are built for the toughest environmental conditions.

Rehiko G-Drive engines have proven their power and reliability during nearly 50,000 hours of arduous tests under rigorous operating conditions — both in the laboratory and on-site. All of which makes them ideal for a variety of crucial applications such as data centers, healthcare, mining and power plants.

Every component of the G-Drive engine are carefully designed, tested, and installed onto the KD Series generators. Our computer-aided quality management system monitors every stage of development from the first phase of production to the entire lifecycle of the engine to ensure that quality reaches the highest level.

Ultimate Performance

The Rehiko G-Drive diesel engine's architecture, injection system and engine management have been designed to achieve optimal generator set performance.

Tested and Approved

Created specifically for generator set applications, our G-Drive engines combine greater power with superior efficiency. Reaching up to 43.5 kW/liter, Rehiko G-Drive engines pair a compact engine with unrivaled kW displacement – delivering one of the highest power density on the market.

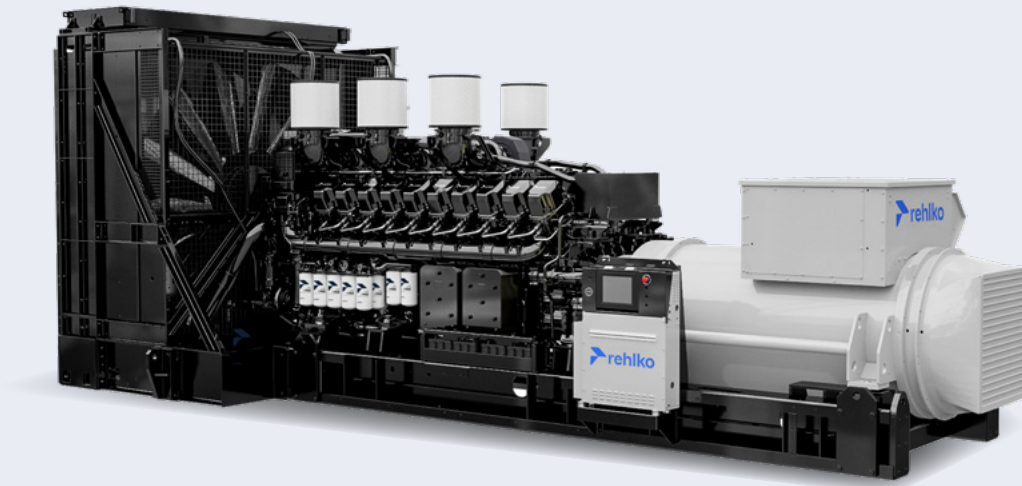
Revolutionary and Reliable

We engineer, test and fit every single component of our G-Drive engines. Our computer-aided quality management system oversees every step of development, from the first stage of production through the engine's entire lifecycle, to ensure the highest level of quality.

Fuel Efficient

The common rail fuel system generates up to 2200-bar injection pressures for maximum efficiency, optimizing the combustion pressure curve through multiple injections. This produces industry-leading kW displacement in a package that enables a smaller generator set footprint while delivering the best fuel consumption at more nodes than any competitor.

KD Series



50Hz

Below rating based on 230/400V | *Ratings based on 11kV
APM403 is offered as China factory standard controller

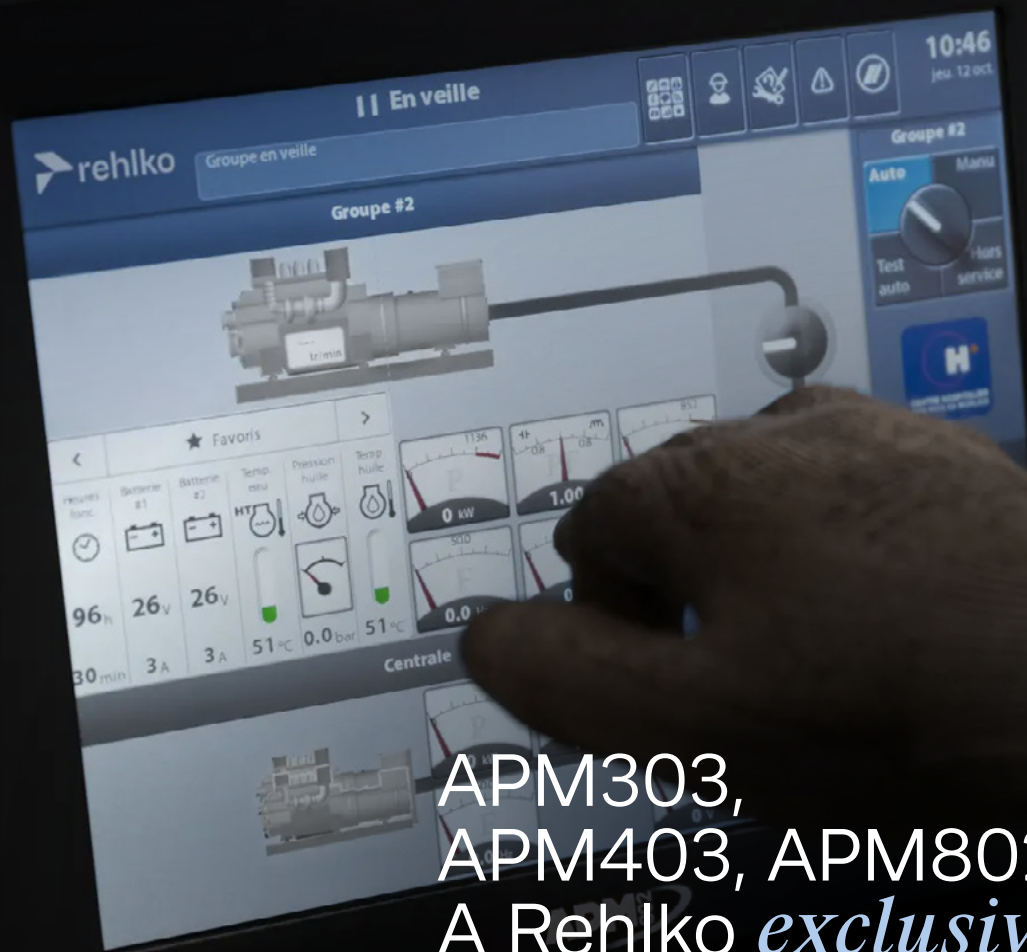
Models	Standby Rating	Prime Rating	DCP Rating	Engine		Controller
	kVA	kVA	kVA	Displacement (L)	Configuration	
KD800-E/F	800	727	800	27.0	V-12	M80/APM403/APM802
KD900-E/F	900	818	900	27.0	V-12	M80/APM403/APM802
KD1000-E/F	1000	909	1000	27.0	V-12	M80/APM403/APM802
KD1100-E/F	1100	1000	1100	27.0	V-12	M80/APM403/APM802
KD1250-E/F	1250	1136	1250	36.0	V-16	M80/APM403/APM802
KD1400-E/F	1420	1291	1420	36.0	V-16	M80/APM403/APM802
KD1500-E/F	1540	1400	1540	45.0	V-20	M80/APM403/APM802
KD1650-E/F	1650	1500	1650	45.0	V-20	M80/APM403/APM802
KD1800-E/F	1800	1636	1800	45.0	V-20	M80/APM403/APM802
KD2000-E/F	2000	1810	2000	62.0	V-12	M80/APM403/APM802
KD2250-E/F	2250	2040	2250	62.0	V-12	M80/APM403/APM802
KD2500-E/F	2500	2270	2500	62.0	V-12	M80/APM403/APM802
KD2800-E/F	2770	2515	2770	62.0	V-12	M80/APM403/APM802
KD3000-E/F	2990	2715	2990	83.0	V-16	M80/APM403/APM802
KD3300-E/F	3300	3000	3300	83.0	V-16	M80/APM403/APM802
KD3500-E/F	3500	3180	3500	83.0	V-16	M80/APM403/APM802
KD3750-E/F	3750	3405	3750	83.0	V-16	M80/APM403/APM802
KD4000-E/F*	4050	3785	4050	103.0	V-20	M80/APM802
KD4500-E/F*	4477	4070	4477	103.0	V-20	M80/APM802

60Hz

Below rating based on 220/380V | ^Ratings based on 230/400V | *Ratings based on 6.6kV
APM403 is offered as China factory standard controller

Models	Standby Rating	Prime Rating	DCP Rating	Engine		Controller
	kW	kW	kW	Displacement (L)	Configuration	
KD800-UE/UF	800	727	800	27.0	V-12	M80/APM403/APM802
KD900-UE/UF	920	836	920	27.0	V-12	M80/APM403/APM802
KD1000-UE/UF	1000	909	1000	27.0	V-12	M80/APM403/APM802
KD1250-UE/UF	1250	1137	1250	36.0	V-16	M80/APM403/APM802
KD1350-UE/UF	1339	1218	1339	36.0	V-16	M80/APM403/APM802
KD1500-UE/UF	1500	1364	1500	45.0	V-20	M80/APM403/APM802
KD1600-UE/UF	1600	1455	1600	45.0	V-20	M80/APM403/APM802
KD1750-UE/UF	1728	1571	1728	45.0	V-20	M80/APM403/APM802
KD2000-UE/UF^	1990	1800	1990	62.0	V-12	M80/APM403/APM802
KD2250-UE/UF^	2290	2075	2290	62.0	V-12	M80/APM403/APM802
KD2500-UE/UF^	2480	2250	2480	62.0	V-12	M80/APM403/APM802
KD2800-UE/UF^	2810	2545	2810	83.0	V-16	M80/APM403/APM802
KD3000-UE/UF^	3025	2740	3025	83.0	V-16	M80/APM403/APM802
KD3250-UE/UF^	3275	2970	3275	83.0	V-16	M80/APM403/APM802
KD3500-UE/UF*	3500	3180	3500	103.0	V-20	APM802
KD4000-UE/UF*	4000	3640	4000	103.0	V-20	APM802

Control Units



APM303, APM403, APM802: A Rehlko *exclusive*

Rehlko offers a unique range of specific control units: APM303, APM403 and APM802. These control units offer a wide range of possibilities, from simplified running to the option of managing the most complex coupling operations. They can be adapted to suit every need.

Effortless Power Automation

Designed to deliver uncompromised reliability and precision, Rehlko generator controllers serve as the intelligent heart of your power system, seamlessly blending advanced functionality with an intuitive user experience. They feature a highly scannable, user-friendly interface that simplifies complex operations from single-generator operations to complex multi-genset paralleling, allowing operators to monitor critical diagnostics, manage loads, and handle advanced paralleling configurations with total confidence.

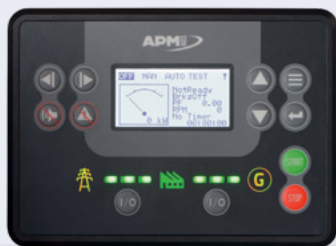
Intelligence Meets Reliability

Beyond its exceptional processing power, the true advantage of the Rehlko controller lies in its plug-and-play adaptability and smart integration capabilities. Equipped with pre-configured, intuitive setups, it eliminates deployment guesswork by effortlessly tailoring itself to your specific backup power architecture. By pairing rugged hardware designed for demanding environments with intelligent automation, Rehlko minimizes manual intervention, optimizes fuel efficiency, and delivers smooth, blink-of-an-eye transitions during critical power transfers.

Comparison of the 3 control units



Control units
APM303



Control units
APM403



Control units
APM802

Specifications	APM 303	APM 403	APM 802
OPERATION			
Power ON	O	▪	X
Manual generator starting	▪	▪	▪
Automatic generator starting	▪	▪	▪
Generator shutdown	▪	▪	▪
Emergency stop	▪	▪	▪
Menu navigation using color touch screen	X	X	▪
Navigation in menu using button	▪	▪	X
Speed adjustment	O	O** / .*	▪
Voltage adjustment	O	O** / .*	▪
Controller redundancy	X	X	O
Dual frequency	X	▪	O
Delayed start programming	X	▪	O
Multilingual using pictograms	▪	X	X
Multilingual text	X	▪	▪

CONNECTIVITY			
MODBUS TCP/IP	X	O	▪
RS485 (MODBUS RTU protocol)	▪	▪	▪
SNMP protocol	X	O	X
Local WEB access	X	O	X
Remote WEB access	X	O	X
USB port (config and software downloading)	▪	▪	▪
Remote control HMI	X	X	O

COUPLING			
Stopped	X	X	▪
Under load	X	▪*	▪
Continuity of the power plant in the event of a failure in communication between control units	X	▪*	▪
Power management of the plant "Start up and shutdown of one or several generators based on the power requested by the installation"	X	▪*	▪
Temporary coupling of grid Out/ Return	X	▪*	▪
Power plant coupling to grid (temporary, permanent, etc.)	X	X	▪

GENERAL			
Downloading of a customized configuration via USB port	▪	▪	▪
Download of the firmware configuration + existing settings via USB port	▪	▪	▪

Specifications	APM 303	APM 403	APM 802
DISPLAY			
Frequency	▪	▪	▪
Phase to neutral voltages	▪	▪	▪
Phase to phase voltages	▪	▪	▪
Currents	▪	▪	▪
Active/reactive/apparent power	▪	▪	▪
Power factor	▪	▪	▪
Mains power detection	X	▪*	▪
Battery voltage	▪	▪	▪
Battery current	X	O	O
Start-up delay	▪	▪	▪
Fuel level	▪	▪	▪
Oil pressure	▪	▪	▪
Coolant temperature	▪	▪	▪
Oil temperature	X	O	O
Total working hours counter	▪	▪	▪
Partial working hours counter	X	▪	▪
Total active/reactive energy meter	▪	▪	▪
Generator speed	▪	▪	▪

FAULT INFORMATION (FAULT OR ALARM)			
Min/max alternator voltage	▪	▪	▪
Min/max alternator frequency	▪	▪	▪
Min/max battery voltage	▪	▪	▪
Overload and/or short circuit	▪	▪	▪
Active/reactive power return	X	▪*	▪
Oil pressure	▪	▪	▪
Coolant temperature	▪	▪	▪
Speed too high	▪	▪	▪
Speed too low	▪	▪	▪
Low fuel level	▪	▪	▪
Emergency stop fault	▪	▪	▪
Non-starting fault	▪	▪	▪
Charging alternator fault	▪	▪	▪
Differential relay activation fault	O	▪	▪
General alarm	▪	▪	▪
General fault	▪	▪	▪
Sound alarm	O	O	▪
Fully compatible with SAE J1939	X	▪	▪

Legend

- Standard
- X Not available
- O Optional
- * APM403P (paralleling version)
- ** APM403S (solo version)

Control Units 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.

Benefits

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
- Electrical 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
- MODBUS RTU RS485

Operation conditions

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

MODEL(S)
APM303



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

Measurements

LCD display examples



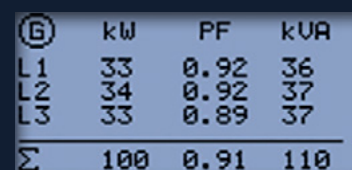
Overview display



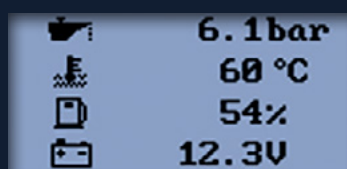
Current and voltage



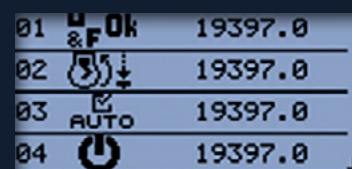
Counters



Outputs



Mechanical measurements



History and alerts

Control Units APM403

Intuitive, simple and connected

Focus APM403S

The APM403S is dedicated to SOLO operation only. No grid electrical measurements or associated circuit breaker control.

Flexible configuration

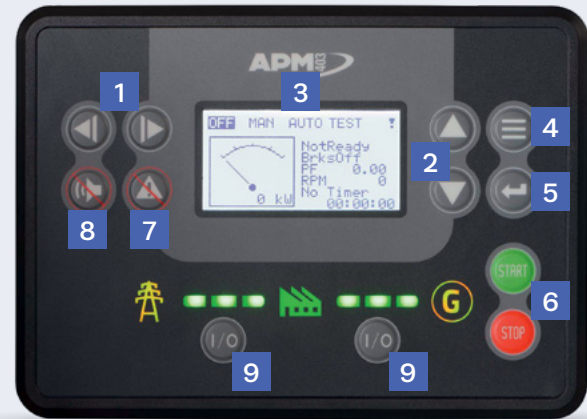
- Technical solution can be broken down for multi-configuration – SOLO or PARALLEL OPERATION (up to 8 generators)
- Specific application variables can be customized

Intuitive navigation and simplified generator or power plant operation

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

MODEL(S)

APM403P | APM403S



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

Flexible communication tools

- Remote configuration and supervision thanks to the WEBSUPERVISOR application (optional)
- Standard communication tools:
 1. CAN USB Host, USB device, RS485
 2. MODBUS, RTU
- Optional:
 1. 4G, Ethernet, GPRS, Airgate
 2. TCP/IP, SNMP protocol

Control Units APM802

Dedicated to *power plant* management

Fully developed by Rehiko, the APM802 command/control system is specifically designed for operating and monitoring power plants for hospitals, data centers, banks, the oil and gas sector, industries, IPP, rental, mining, etc. The human machine interface, created in collaboration with a company specializing in interface design, facilitates operations via its large touch screen.

Intuitive and Ergonomic to use

The ergonomics of the APM802 has been carefully designed in conjunction with users to ensure optimum user comfort. The operator is guided through how to operate the product according to their access level, making it easy to get started and reducing the risk of errors.

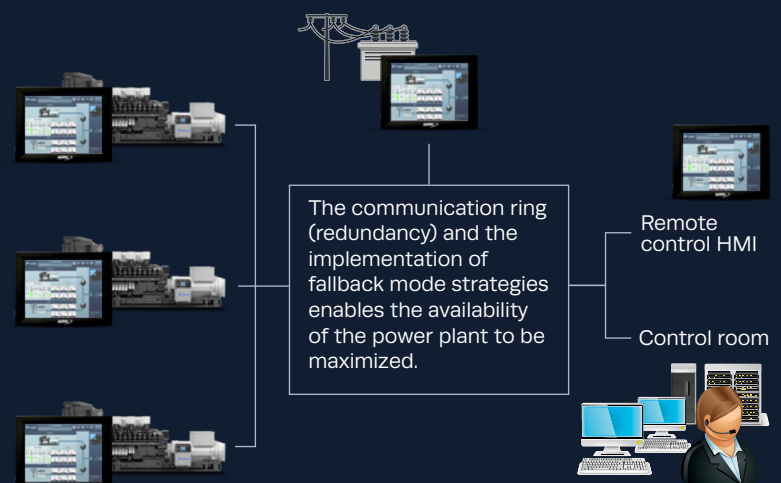
MODEL(S)
APM802



- | | | | |
|---|---|---|---|
| 1 | Generator display | 5 | Control and position of circuit breakers |
| 2 | Display of installation and mechanical values of the genset | 6 | Operator and specialist access: curves settings history configuration |
| 3 | Display of generator electrical values | 7 | Generator control (operating modes) |
| 4 | Display of power grid electrical values | 8 | User access: shortcuts maintenance alarms |

The APM802 for enhanced communications

Communication via the APM802 guarantees a high level of equipment availability and facilitates the remote control of the HMI to enhance its use. Additionally, various connections can be made via the Ethernet, using fiber optics or combined with copper wire. For full control of risk management, the system communications are separate from the external communications.





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

Containers

Versatile range of *soundproofed* containers

You're faced with many installation constraints, and you want a turnkey solution. Our container solutions are adapted to meet all your needs. Our sales and engineering teams can work with you to define the best solution. Pre-assembled and factory tested, these containers offer an economical solution and are delivered ready to use.



ISO Containers

Available in 20- and 40-foot High Cube versions

ISO containers are adapted for emergency applications with no harsh environmental constraints.



CPU Containers

Available in 40- and 45-foot High Cube versions

CPU-type containers are designed for the most demanding environments. Robust and modular, they are specially conceived to meet the very stringent constraints of production applications.

ISO Containers



CSC* certified



Adapted to
standard
environments

Advantages

- Flexible integration
- Available in Silent and Super Silent versions

* The International Convention for Safe Containers (CSC) is a regulation which ensures that containers used for transporting goods retain the specifications required to "maintain a high level of safety of human life in the handling, storage and transport of containers" over time.

CPU Containers



40-foot version
is CSC certified*



Double
maintenance
door



Suited to harsh
environments
(heat, dust)

Advantages

- Low noise level
- Simplified maintenance
- No loss of power up to 40 °C
- Accessibility of command/control and power supply devices
- Short production lead times
- Available in Silent and Super Silent versions

Automatic Transfer Switches



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.

VERSO 100

Reliable and simple to use, VERSO 100 models are equipped with the main functions of this type of equipment, making them among the most compact solutions on the market.

VERSO 150D

The VERSO 150 D is a robust changeover switch sized to operate at an ambient temperature of 50°C. The built-in mains detection relay has two fixed delays that prevent unwanted start-ups following mains micro-disconnections and allow the controlled return of power when it has become stable again. This range has been developed for markets subject to frequent and significant fluctuations in the mains power.

VERSO 200

The VERSO 200, available from 200 to 3200 A, is autonomous and complete. This changeover switch is perfectly suited to low-voltage industrial applications.

Standard features of the ATS range

VERSO 200

Control automation



- **Complete product**
 - + Fully assembled solution tested according to the IEC* 60947-6-1 standard
- **Autonomous**
 - + Double integrated power supply
- **Automatic genset start-up**
- **Intrinsic mechanical locking**
- **High dynamic resistance**
 - + For even greater safety, in case of short circuit closure
 - + Manual control for all emergency interventions
- **Padlocking can be configured in three positions (I-O-II)**

Technical specifications

Legend | ■ Standard ○ Option X Not available

VERSO 100		VERSO 100S					VERSO 100D				
RATINGS (A)		35	63	100	125	160	35	63	100	125	160
Type		Three phase					Three phase				
Voltage range – Frequency		208/220/230/240v & 380/400/415/440 V – 50–60Hz					208/220/230/240v & 380/400/415/480 V – 50–60Hz				
Display and setting		Potentiometer					Via LCD display				
Voltage drop tolerated		20% of the nominal voltage @400V					30% of the nominal voltage @400V				
Maximum voltage tolerated by the equipment		288 V					305 V				
Protects against a change in the phase rotation direction		■					■				
Protection in "0" position		X					Immediate return to position 0 in the event of a fault				
Lightning arrester		X					O				
Confirmation of mains return		■					■				
EJP (for France only)		■					■				
Protection index		IP31					IP54				
Dimensions (h x w x d) mm		385 x 385 x 193					600 x 400 x 200				

VERSO 150D		63	100	160
RATINGS (A)		63	100	160
Type		Three phase		
Voltage range – Frequency		230/400Vac 50–60Hz		
Display and setting		Potentiometer		
Adjustable voltage threshold		(±) 30% of 400Vac		
Voltage drop tolerated		320/480 Vac between phases		
Protects against a change in the phase rotation direction		■		
Lightning arrester		O		
EJP (for France only)		X		
Confirmation of mains return		X		
Protection index		IP65		
Dimensions (h x w x d) mm		500 x 400 x 200		500 x 500 x 200

VERSO 200		200, 250, 400, 630	800, 1000, 1250, 1600 *	2000, 2500, 3200
RATINGS (A)		200, 250, 400, 630	800, 1000, 1250, 1600 *	2000, 2500, 3200
Type		Three phase		
Voltage range – Frequency		208/220/230/240v & 380/400/415/440 V – 50–60Hz		
Configuration		Auto-configuration of voltage/frequency min/max and configurable thresholds		
Display and setting		By LCD – Supplied with manually-operated key – Can be padlocked in manual mode		
Voltage drop tolerated		30% of the nominal voltage @400V		
Maximum voltage tolerated by the equipment		332 V		
Protects against a change in the phase rotation direction		■		
Lightning arrester		O (IP55)		
EJP (for France only)		■ (configurable)	■ (configurable)	■ (configurable)
Confirmation of mains return		■ (configurable)		
Protection index		IP20 (55 on request)	IP55	IP55
Inputs/outputs		3 configurable dry contact inputs/2 configurable relay outputs		
Dimensions (h x w x d) mm		840 x 640 x 450 IP55 : 1750 x 700 x 500	2150 x 900 x 700 *1600A : 2150 x 1100 x 700	2150 x 1100 x 900

Aftermarket parts and services

 rehiko

At the heart of *our expertise*

You can count on Rehiko to take care of your equipment

- 24/7/365 support
- Distribution network of 800 partners around the world
- Maintenance and warranty coverage for your peace of mind
- Spare parts availability
- International training centers

No one knows your Rehiko generators like the Rehiko expert engineers and factory-trained and certified technicians to take care of your equipment.

Service and technical support

Rehiko generators operate reliably and with minimal maintenance work. In addition, we offer various services for your generator that ensure long-term value, guarantee optimal operation and minimize life cycle cost. Our factory-trained and certified technicians are equipped with the knowledge and latest diagnostic and digital tools to keep you up and running.

- Field service engineers support critical installations and field issues as needed
- 24/7 service available nationwide
- Supply high-quality Rehiko genuine parts and guarantee short delivery times
- Hands-on technical support is available from Rehiko service centers and distributor service personnel

- Over 800 distributors and 10,000 dealers worldwide
- Remote virtual Merged Reality (MR)/Augmented Reality (AR) assistance saving cost in travels and helping to get the job done right the first time

For your company and your Rehiko generator this means:

- Decreased life cycle costs
- Long-term value preservation
- Sustainable quality assurance
- Lower follow-up costs for maintenance and repairs
- Increased profitability and efficiency

Warranty

We stand behind the quality of our products by offering a standard warranty and an optional extended warranty to protect your investment. Factory-trained technicians complete all covered repairs using genuine Rehlko parts. Equipment is supported by a global network of certified Rehlko distributor technicians and backed by a factory-direct technical support service. Optional extended warranty solutions reduce the risk of unexpected failure costs beyond standard factory warranty. Multiple options are available for extended warranties – so you can choose the one that's right for your application.

Genuine parts

Rehlko® genuine parts are built specifically for your industrial generator to optimize its performance, extend the service life and reduce maintenance cost – and will be available when you need them. From turbochargers to oil filters, we ensure every part that goes into our generators meets the highest standards for performance and durability. Keep your generator running at peak performance by replacing your parts with Rehlko genuine parts.

- Extensive parts inventory is available through our Spare parts logistic centers, Service centers and global network of distributors to be delivered quickly to any location
- Preventative maintenance kits provide all the parts required to complete scheduled maintenance events extending the service life and protecting your generator
- Parts are available to support your generator through its lifecycle

Training

At Rehlko to consistently delight our customers, we ensure our worldwide network of technicians have completed a customized factorybased training curriculum (with three progressive levels), and we continue to innovate our advanced training methods and diagnostic tools.

- Our International Training centers
- Expert Instructors
- Innovation



Why Rehlko genuine parts?

When you use Rehlko® genuine parts, you are using the same parts validated through reliability testing during development and selected for final production.

- Proven reliability
- Trusted performance
- Rehlko quality standards
- Expert support
- Reduced total cost of ownership

