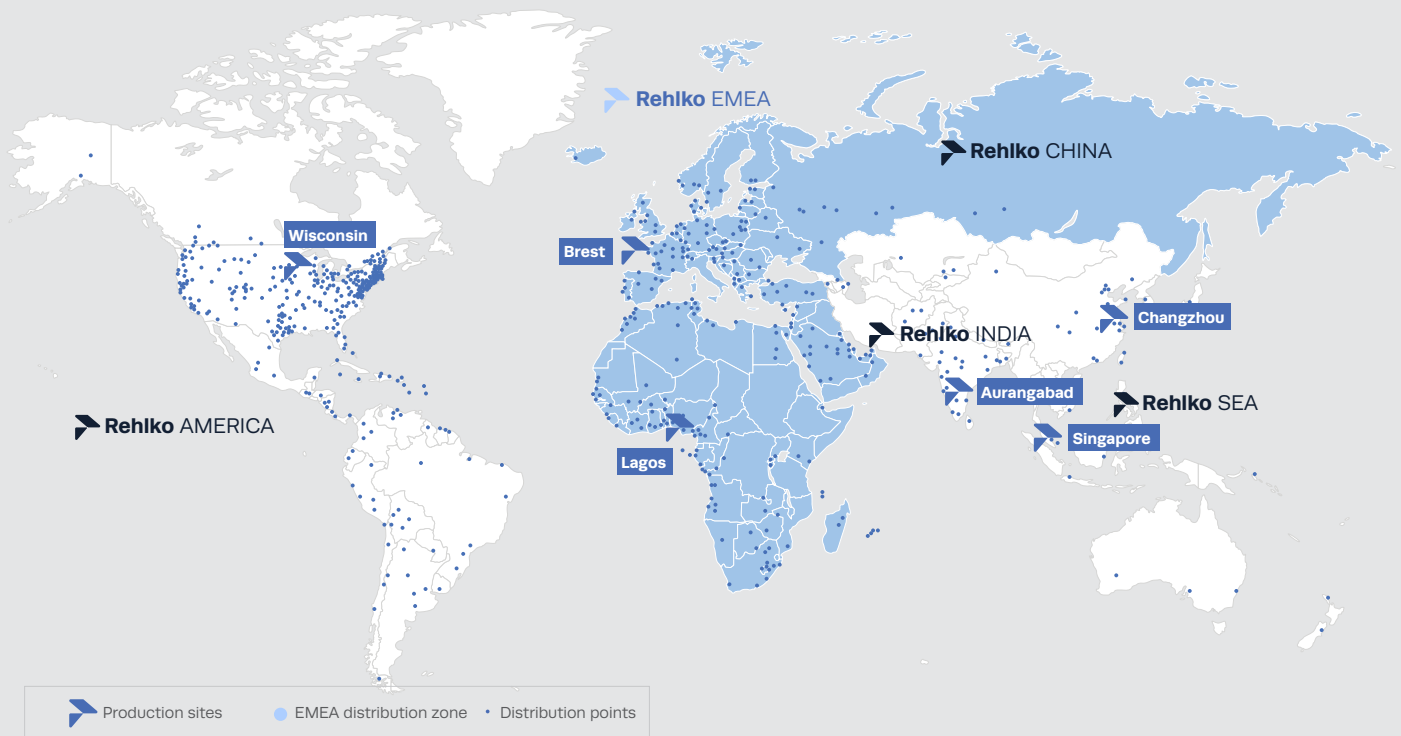




POD solutions for *Data Center*

powersystems.rehlko.com/emea





The *power* you need Anytime, Anywhere.

In September 2024, Kohler Energy rebranded to Rehlko, marking a pivotal milestone in our 100-plus-year journey. As Rehlko transitions from a century of history and innovation under Kohler, the new brand signifies our focus on global leadership in energy resilience and our commitment to creating an energyresilient world for a better future.

As the largest privately owned power generation manufacturer in the world, Rehlko employs more than 35,000 people across 50 production sites worldwide. With extensive global sales, service, and distribution networks, no matter where you are, you can always count on Rehlko to provide smart, reliable engines, electricity generators, and uninterruptible power supplies (UPSs).

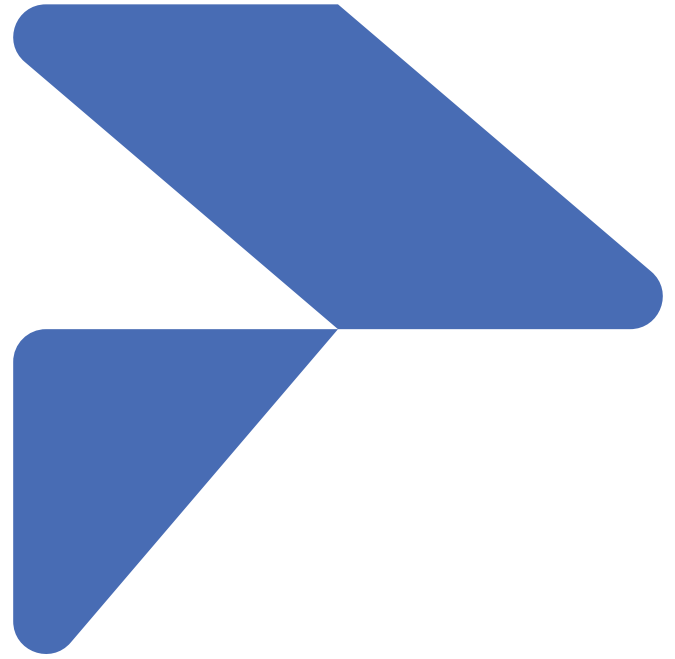
Rehlko[®] pods *power optimized* designs for data centers

Inspired by our clients, we developed dedicated solutions for the data center industry worldwide. Our PODs are designed with standard and reliable components—and available in a variety of configurations. Whether you need to secure the power supply of your data center or

simply replace your current backup generators, we have the perfect power options for your business.

Our qualified technical teams will guide you towards the right technical solution for your project, based on your individual requirements and regulations.

Our PODs provide guaranteed lead times and reliable power at a *competitive* value



X-PRESS PODs

- Canopy / Skin-tight / 20' container
- Compact
- Short lead time

Edge data center up to 5 MW

MODULAR PODs

- 40' container / Skin-tight
- Stackable, rackable
- Quick deployment

Regional data center up to 25 MW



DENSITY PODs

- Walk-in enclosure / eFRAME / 45' container
- Best power density on the market

Hyperscale data center up to 500 MW



Benefits

- Short lead time and quick deployment
- Optimized design for data centers
- Easy for operations
- Stackable and rackable solutions

See video of the PODs





Your challenges Our *expertise*

A data center's electrical power supply can be provided by several different circuits and supplemented by energy storage systems and generators. To provide a "no-break" power supply, data centers need two independent power sources to provide redundancy and risk reduction rather than a single source of inbound power.

Uptime and reliability

Designing power systems that meet the requirement for the highest levels of uptime (e.g. the Uptime Institute Tier IV standard) requires expert attention to system architecture and equipment redundancy. Our priority is to provide you with a reliable and flexible solution for your project, including paralleling two or more generators.

Noise

Our teams focus on the design and installation of generator sets to consider the local environmental impact of noise on populated areas and to comply with sound level regulations around the world. Rehlko measures the sound emitted by all of its generator systems, whether open or fully sound-attenuated, to ensure the generator selected meets the noise requirements of your location.

Emissions

Rehlko meets global and local emissions standards (e.g., EPA, MCP, etc.) through our advanced engine design and exhaust systems. Our KD Series TM generators are specifically engineered to provide the lowest particulates and NOx levels on the market.

Compact design

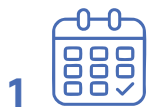
The footprint of a generator—in terms of floor space and volume—is critical to its integration into a space-constrained environment. That's why Rehlko® generators offer the best performance into a compact frame, in soundproofed and open versions.

Your project Our *priority*

From standard solutions to specific designs, Rehlko always supports your needs with a dedicated approach.

Each project submitted to Rehlko follows a proven process from planning to the post-installation maintenance. A succession of pre-established steps mastered by all our teams provides you with the guarantee of flawless efficiency.

From planning the design and choice of equipment to final testing and commissioning, we have one goal: to offer you reliable power systems, precisely designed to your specifications. Great flexibility in manufacturing, extreme rigor during testing, meticulous precautions during commissioning—everything is done to provide you with a solution adapted to your activity and your budget.



1 Planning

- ▶ Conceptual Design
- ▶ Detailed Proposal
- ▶ Site Survey & Planning
- ▶ Quotation & Recommendation
- ▶ Budgeting



2 Project execution

- ▶ Equipment Selection
- ▶ Implementation & Construction
- ▶ Shop Drawing & Site Preparation
- ▶ Equipment Delivery & Installation
- ▶ Contracting Agreement & Scope of Work



3 Post-installation

- ▶ Testing & Commissioning
- ▶ Maintenance Contracts
- ▶ Functionality Test
- ▶ Scheduled Preventive Maintenance
- ▶ Training & Documentation
- ▶ Emergency Service



Global
strength
local
support

Choose from one of our base designs or customize for your *specific* needs.



Rehiko® PODs are predesigned modules, which offer the best solution for scaling your data center power for expansion or incremental growth.

The modules are fully integrated to include a control panel, generating set, monitoring, security, fire system, and cooling.



Data Center Mission Critical for Continuous Power

Rehiko is accredited by the Uptime Institute to deliver DCP rating power for your data center. We are also able to design solutions in compliance with Uptime Institute Tier I to IV requirements.



Standard Features

- Double starter
- Dead bus synchronizing
- Class F alternator
- Circuit breaker
- Performance class G3



Operating Ambient Conditions

- T° min/max: 10°C/50°C
- Humidity: 0%–100%
- Altitude: Up to 1000 m



Certifications

EMEA

- ISO8528-5
- CE
- EPA Tier 2
- MCP ready

NAFTA

- IBC
- OSHPD/HCAI
- Wind Load
- Missile Impact

- UL2200 Listed
- NFPA 70, 37 & 110
- EPA Tier 2
- EPA Tier 4



Options

- IBC compliance
- Double circuit breaker
- Onboard synchronization capabilities
- C4/C5 painting
- Low voltage/medium voltage
- Fuel polishing
- SCR treatment
- Extreme temperature
- Quick-locking devices for mobile external load bank
- Fire system
- High altitude

X-PRESS PODs

Power Optimized Design

50 Hz kWe

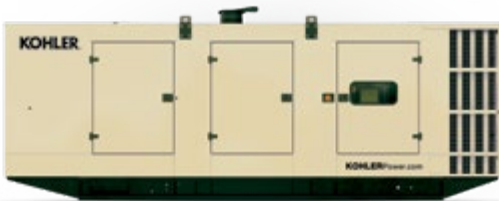


60 Hz kWe



Edge
data center

Up to
5 MW
Compact and
short lead time



Enclosure	CANOPY
Max Power	1200 kWe (50 Hz) – 1000 kWe (60 Hz)
Sound Level*	76 dB(A) @ 7 m (SL2, 50 Hz) 82 dB(A) @ 7 m (SL1, 60 Hz)
Dimensions	L 6.80 x W 2.16 x H 2.75 m
Fuel System	Belly tank (high fuel capacity for large autonomy)



Enclosure	20-FT CONTAINER
Max Power	1440 kWe (50 Hz) – 1750 kWe (60 Hz)
Sound Level*	72 dB(A) @ 7 m (SL2, 50 Hz) 79 dB(A) @ 7 m (SL2, 60 Hz)
Dimensions	L 9.14 x W 2.44 x H 2.90 m
Fuel System	Belly tank (high fuel capacity for large autonomy)



Enclosure	SKIN-TIGHT
Max Power	1440 kWe (50 Hz) – 1750 kWe (60 Hz)
Sound Level*	79 dB(A) @ 7 m (SL2, 50 Hz) 95 dB(A) @ 7 m (SL1, 60 Hz)
Dimensions	L 11.15 x W 3.02 x H 4.57 m
Fuel System	Belly tank (high fuel capacity for large autonomy)

MODULAR PODs

Power Optimized Design

Regional data center

Up to 25 MW
Stackable, rackable, and quick deployment

50 Hz kWe



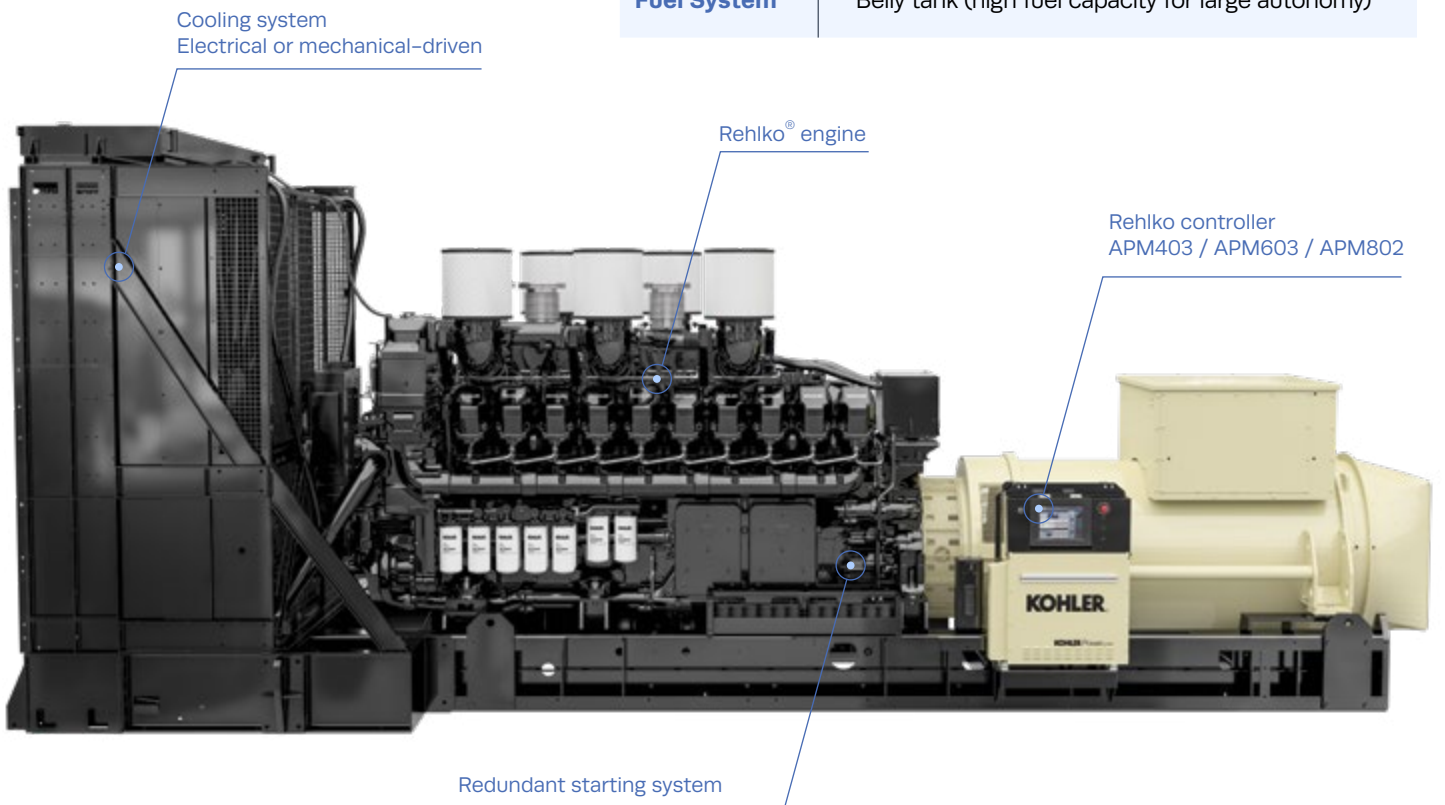
60 Hz kWe



Enclosure	SKIN-TIGHT
Max Power	2240 kWe (50 Hz) – 2500 kWe (60 Hz)
Sound Level*	78 dB(A) @ 7 m (SL2, 60 Hz) 90 dB(A) @ 7 m (SL1, 60 Hz)
Dimensions	L 13.49 x W 3.48 x H 4.78 m
Fuel System	Belly tank (high fuel capacity for large autonomy)



Enclosure	40-FT CONTAINER
Max Power	2240 kWe (50 Hz) – 2500 kWe (60 Hz)
Sound Level*	72 dB(A) @ 7 m (SL2, 50 Hz) 80 dB(A) @ 7 m (SL1, 60 Hz)
Dimensions	L 12.19 x W 2.44 x H 2.90 m
Fuel System	Belly tank (high fuel capacity for large autonomy)



*Typical sound levels. at 50 Hz are at 75% PRP and at 60 Hz are at 100% PRP

DENSITY PODs

Power Optimized Design

50 Hz kWe



60 Hz kWe



**Hyperscale
data center**

**Up to
500 MW
Best power
density on the
market**



Enclosure	45-FT CONTAINER
Max Power	2800 kWe (50 Hz) – 3250 kWe (60 Hz)
Sound Level*	80 dB(A) @ 7 m (SL1, 50 Hz) 74 dB(A) @ 7 m (SL2, 50 Hz)
Dimensions	L 13.72 x W 2.44 x H 2.90 m
Fuel System	Belly tank (high fuel capacity for large autonomy)

WALK-IN ENCLOSURES

Enclosure	WALK-IN ENCLOSURE + STACK SCR READY POD
Max Power	3600 kWe (50 Hz) – 4000 kWe (60 Hz)
Sound Level*	85 dB(A) @ 7 m (SL1, 50 Hz) 75 dB(A) @ 7 m (SL3, 50 Hz) 65 dB(A) @ 7 m (SL3, 50 Hz)
Dimensions	L 17.40 x W 4.01 x H 7.20 m
Fuel System	Belly tank (high fuel capacity for large autonomy)

Enclosure	WALK-IN ENCLOSURE EFRAME™
Max Power	2000 kWe (60 Hz) – 3250 kWe (60 Hz)
Sound Level*	75 dB(A) @ 7 m (SL1, 60 Hz)
Dimensions	L 15.54 x W 4.19 x H 5.28 m
Fuel System	Belly tank (high fuel capacity for large autonomy)



*Typical sound levels. at 50 Hz are at 75% PRP and at 60 Hz are at 100% PRP



Generating set: KD2500

Number of gensets: 12

Rackable solution

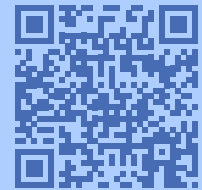
Frequency: 50 Hz

Engine brand: Rehlko®

Engine model: KD62V12

Voltage: 10.5 kV

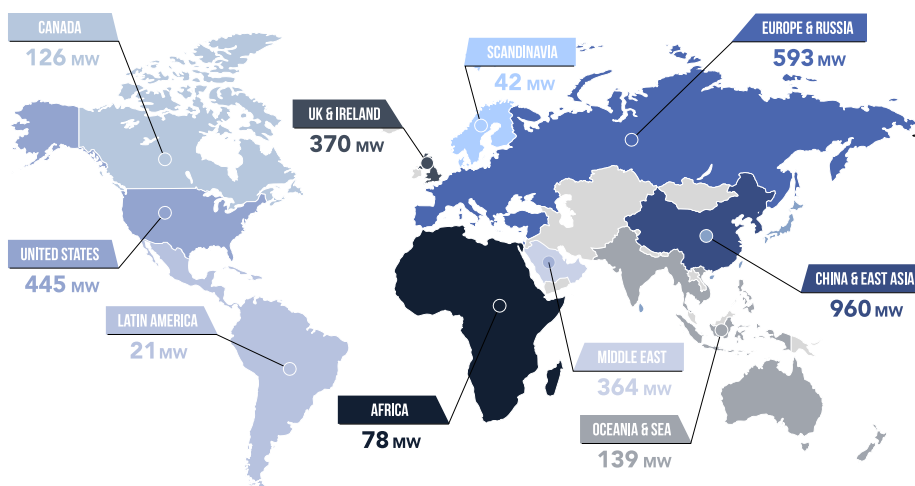
See video of the
Keyun project



Guangzhou Keyun data center: *A powerful* case study

Keyun Data Center is located in Guangzhou Economic and Technological Development Zone, with a construction area of 44,091 square meters.

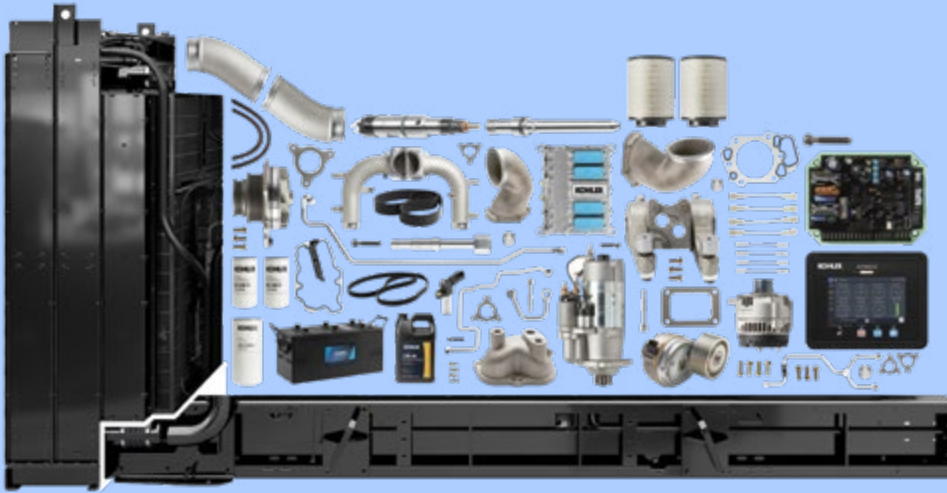
Keyun Phase III is the largest data center park built by Guangdong Telecom for Tencent. For this project, Rehlko delivered 12 KD2500 gensets with strong project management ability, fast delivery, and after-sale service.



Where in the world are Rehlko data center generators?

With thousands of megawatts (MW) of generator power deployed in data centers around the world and our 4 MW product leading the way, Rehlko is quickly becoming the global energy partner of choice for data center operators.

Aftermarket Parts and *service*



9 training centers

1,000+ Distributor service provider

19 spare parts hubs



Global Network

Worldwide distribution locations providing personal customer support and technical assistance 24/7. Consistent world-class parts and service support in all markets we serve.



Warranty

Rehiko stands by the quality of our products by offering a Standard Warranty and optional Extended Warranty to support your investment. All of our equipment is supported by a global network of certified Rehiko distributor technicians and backed by factory-direct technical support services.



Training

Every Rehiko distributor receives technician certification training with Rehiko factory instructors in training centers located worldwide. Rehiko also hosts training events in Rehiko classrooms and labs, as well as on-site training at distributor or customer locations as needed.



Genuine Parts

Rehiko® genuine parts are built specifically for your generator throughout its life cycle and are available when you need them, wherever you are through our global network of distributors. Preventative maintenance kits are available to provide all the parts required to complete scheduled maintenance events.



Generator Tech Support

As a single point of contact, your Rehiko Key Account Service Manager is dedicated to your project. Our factory-trained and -certified technicians are equipped with the knowledge and latest diagnostic tools to keep your generator up and running with quick, accurate resolutions. Factory-direct field service engineers support critical installations and field issues as needed. 24/7 service is available nationwide. And hands-on technical support is available from Rehiko.



Switchgear Tech Support

Switchgear field service provides 24/7 emergency technical support through our distribution partners. Qualified technicians are available to respond at a moment's notice and factory support is available when required. We build lasting relationships, identify potential risks, and mitigate future issues.

Our switchgear support team offers:

- Preventative maintenance
- Risk assessments
- Consistent review of system operations
- Proactive equipment upgrades



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