



# Reliable solutions

for electric power generation

Durable engines  
Reliable performance  
Global support

 **Perkins**<sup>®</sup>

THE HEART OF EVERY GREAT MACHINE

**Our comprehensive range of engines and customer support provides stable and sustainable electric power in exactly the way you want it, whatever the operating conditions.**

**90** 90 years experience of developing off-highway engines

**More than 22 million engines** manufactured since 1932

**Providing power to prime, standby and critical applications** worldwide

**Global support network covering** over 170 countries

One of the world's most respected engine brands, Perkins has been supplying engines to generator set manufacturers for over 60 years. From remote communities and telecoms towers to hospitals and data centres, our engines are trusted worldwide to deliver reliable power and low operating costs throughout the life cycle.

Above everything, our customers demand excellence – and this is what Perkins strives to deliver.

Tested and proven in some of the world's most remote and hostile environments, our engines are supported with a global distribution network covering over 170 countries. We are local to you, wherever you are.

From concept and application integration through to maintenance and emergency repair, we work alongside you, delivering power, service and solutions in exactly the way you want it.

“  
We deliver power, service and solutions  
**in exactly the way you want it**  
”

For more information about Perkins expertise in electric power, visit:  
[www.perkins.com/ep](http://www.perkins.com/ep)



# Trusted expertise in every sector

Our expertise is sought in many sectors – including IT where we are represented on the Uptime Institute, the industry's most widely accepted global standard for the efficient operation of data centres.

In addition to providing dependable engines and support, we help define and improve standards to make sure the world gets the power it demands.

Prime, standby and critical applications.

We have thousands of engines currently in service worldwide, providing reliable solutions to a wide range of sectors.



#### Data centres and critical applications

Helping safeguard businesses and their customers, our engines are trusted to provide vital back-up power in a wide range of critical applications – from data centres, hospitals and offices, through to power grids, health centres and universities.



#### Telecoms

Helping keep the world connected, our engines power telecoms towers and equipment in remote locations everywhere from Africa to South America.



#### Construction

We provide prime and standby energy to major construction projects around the world, helping keep workers safe and projects on track.



#### Retail, property and commerce

Perkins engines help provide reliable light and heating control in office complexes, shopping malls and prestigious property developments internationally.



#### Industrial

Our engines power the generator sets which help power the world's industry, from water treatment and chemical plants to drainage in deep and remote mines.



#### Hospitality

Our engines perform at fairs and festivals, rock concerts and operas, working quietly and reliably to provide continuous power and uninterrupted enjoyment.



#### Rental

Our engines provide mobile and temporary power in applications ranging from highway construction through to meeting the energy demands of remote communities or in areas with an unreliable energy grid.

# The reliability you demand

Since we began manufacturing in 1932, we have been building reliability into every Perkins engine.

### Proven and tested in the real-world

For 90 years, our engines have been working in some of the world's toughest environments – from deserts and dust-bowls to the frozen Arctic.

We listen to the experiences of Original Equipment Manufacturers (OEMs) and end users, and build their feedback into our products. Each engine comes with a best-in-class warranty and with the confidence gained from years of experience.

### Ongoing innovation

At our global centres of research and development we invest in creating, testing and validating next generation technology to enhance engine reliability.

Combining outstanding performance and service life with low maintenance costs, Perkins engines deliver maximum uptime and low cost of ownership to accelerate return on investment.

For more information about Perkins capability in electric power, visit: [www.perkins.com/epproducts](http://www.perkins.com/epproducts)

## Global offerings



### Prime power range

|                    |               |            |                    |                 |             |
|--------------------|---------------|------------|--------------------|-----------------|-------------|
| <b>400 Series</b>  | 0.5-2.2 litre | 4-32 kW    | <b>1700 Series</b> | 9.3 litre       | 221-311 kW  |
| <b>1100 Series</b> | 3.3-7.0 litre | 29-180 kW  | <b>2000 Series</b> | 12.5-18.1 litre | 305-716 kW  |
| <b>1200 Series</b> | 4.4-7.0 litre | 107-218 kW | <b>4000 Series</b> | 23.0-61.0 litre | 638-1875 kW |
| <b>1500 Series</b> | 8.8 litre     | 180-306 kW | <b>5000 Series</b> | 30.0 litre      | 853-947 kW  |

### Standby power range

|                    |               |            |                    |                 |             |
|--------------------|---------------|------------|--------------------|-----------------|-------------|
| <b>400 Series</b>  | 0.5-2.2 litre | 4-36 kW    | <b>1700 Series</b> | 9.3 litre       | 244-343 kW  |
| <b>1100 Series</b> | 3.3-7.0 litre | 32-224 kW  | <b>2000 Series</b> | 12.5-18.1 litre | 349-790 kW  |
| <b>1200 Series</b> | 4.4-7.0 litre | 119-240 kW | <b>4000 Series</b> | 23.0-61.0 litre | 691-2083 kW |
| <b>1500 Series</b> | 8.8 litre     | 198-339 kW | <b>5000 Series</b> | 30 litre        | 947-1053 kW |

## Europe, Africa and Middle East



### Includes EU Stage V and Stage IIIA certified product range

|                    |               |            |                    |                 |            |
|--------------------|---------------|------------|--------------------|-----------------|------------|
| <b>400 Series</b>  | 0.5-2.2 litre | 4-21 kW    | <b>1700 Series</b> | 9.3 litre       | 221-292 kW |
| <b>1100 Series</b> | 3.3-7.0 litre | 29-182 kW  | <b>2000 Series</b> | 12.5-18.1 litre | 305-530 kW |
| <b>1200 Series</b> | 4.4-7.0 litre | 107-240 kW |                    |                 |            |

## Asia Pacific



### Includes CPCBII and China Nonroad Stage III

|                    |                 |            |                    |                 |            |
|--------------------|-----------------|------------|--------------------|-----------------|------------|
| <b>2000 Series</b> | 12.5-18.1 litre | 349-574 kW | <b>4000 Series</b> | 23.0-61.0 litre | 638-855 kW |
|--------------------|-----------------|------------|--------------------|-----------------|------------|

## The Americas



### Includes U.S. EPA & CARB Tier 2, Tier 3, Tier 4 Interim and Final

|                    |               |            |                    |                 |             |
|--------------------|---------------|------------|--------------------|-----------------|-------------|
| <b>400 Series</b>  | 0.5-2.2 litre | 5-36 kW    | <b>1700 Series</b> | 9.3 litre       | 254-321 kW  |
| <b>1100 Series</b> | 4.4-7.0 litre | 47-224 kW  | <b>2000 Series</b> | 12.5-18.1 litre | 349-790 kW  |
| <b>1200 Series</b> | 4.4-7.0 litre | 110-222 kW | <b>5000 Series</b> | 30 litre        | 853-1053 kW |

All ratings are net power and are for indicative purposes only. Please refer to the generating set power selector charts for kVA and kWe conversion guidance

# An engine for all your needs

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With our experience of electric power applications,  
**Perkins is the engine of choice**  
 for the power generation market

”

Versatile,  
 cost-effective,  
 global.

Incorporating the latest advances in clean and economical diesel engine technology, Perkins engines are known for their high durability, low fluid consumption and exceptional load acceptance.

From small power generator packs to combined heat and power solutions, they meet the power generation demands of customers in all sectors and territories.

**Whatever you need, we deliver reliable power in exactly the way you want it.**

#### **Broad product range – a complete solution**

Covering all key nodes across a wide spectrum of power ratings (5-2500 kVA), Perkins has a comprehensive range of off-highway engines.

#### **ElectropaK – a versatile solution**

Our engines are available in a variety of formats, including our popular ElectropaK, a complete plug and play solution featuring an engine, radiator, charge cooler, air cleaner, piping, hoses and mounting feet. Available up to 2500 kVA and with switchable options between 50 Hz and 60 Hz, ElectropaKs deliver clean and cost effective power in a high power density package.

#### **All emissions standards – a modular approach**

Based on using a modular platform, our engines meet the most stringent emissions standards and are designed to be adaptable to future technologies.

#### **Quality – a consistent solution**

Serving all major world markets, we manufacture engines in the UK, USA, China, India and Brazil. We use the same manufacturing and quality processes to achieve consistent engine quality, giving you the flexibility and assurance you need to access multiple territories. Using Perkins global footprint simplifies business and logistics and minimises risk across your operations.

#### **Common components – a cost-effective solution**

Based on a standard core, Perkins engines are built with common components to simplify servicing and drive value into your operations.

#### **Power density – building a solid future**

Our engines are designed to extract high power density to deliver maximum power along with excellent performance from a small package size, all at the same time.

# Expertise at every stage



**3,500 outlets in over 170 countries** supplying parts, repairs and solutions worldwide



**Global distribution centres** supported with a best-in-class supply chain



**Currently supporting over four and a half million engines** with genuine Perkins parts and service



**Rapid access** to 30,000 genuine parts

## You can rely on Perkins engines, and you can rely on our expertise at every stage – from concept and integration through to aftermarket care.

Delivered through a global network of distributors, we are committed to building strong collaborative relationships focused on driving efficiencies throughout the engine life cycle.

### Accelerating machine integration

Our highly skilled and trained teams offer a suite of services to integrate, validate and install our engines into your generator set application, establishing a seamless transition and a superior customer experience.

This includes everything from application sign-off of cooling packs through to full application validation.

For complex challenges, our unique Technology Integration Workshops (TIWs) bring engineering teams together to resolve issues and accelerate application integration and time to market.

\* Terms and conditions apply.

† Manuals are now available on all UN ECE R96 Stage IIIA and below. Requires subscription to marketing permissions.

## Global expertise, available locally

We have over 3,500 outlets located in more than 170 countries, with an extensive network of Perkins distributors at the core. Carefully chosen, trained and approved as part of our Distributor Excellence Programme, they understand your local emissions standards and grid reliability and are fully equipped to provide a full suite of support: from technical advice and service kits through to maintenance and emergency repair.

### Rapid access to genuine parts

We have strategically located distribution centres, connected by a best-in-class supply chain to achieve fast and reliable delivery of 30,000 genuine parts, oils and coolants. Available through multiple channels, many with next day delivery – we minimise the financial impact of holding stock on your own premises.

### Protection and peace of mind

For engines, we provide up to 24 months or 3,000 hours\* warranty for complete peace of mind. This can be extended up to 10 years/15,000 hours\* with Perkins® Platinum Protection. In addition, all Perkins genuine parts are covered by a 12 month warranty.

## Pioneering digital solutions

Perkins is at the forefront of digital technology, connecting customers to leading-edge services.

Central to this is the Perkins® My Engine App. Available for free to work on your mobile device, the app works in multiple languages to provide you with value added data including service reminders, links to your local distributor and access to service, maintenance and workshop manuals†.

## A comprehensive package - Perkins® Hypercare

You and your engine are unique. That's why we've developed Perkins® Hypercare, an adaptable package of aftersales services to enhance the performance and productivity of your engine and give you easy maintenance throughout its service life.

### Full range of business support

We are committed to understanding our customers' wider business objectives and helping achieve them. Our structured programme of services include technical sessions, workshops and pre-sales support, through to applications and product support training, including diagnostics.

“  
Perkins genuine parts, oils and coolants  
**enhance the performance**  
and can extend the service life of your engine  
”

For more information about our parts and service offerings, visit:  
[www.perkins.com/partsandservice](http://www.perkins.com/partsandservice)

# Perkins Sales

## Americas

### North America

1600 W Kingsbury St  
Seguin  
Texas 78155  
United States  
Toll free number: 1-888-PERK-ENG

### South America

Rua Dr. Chucri Zaidan, 1240  
Golden Tower – 17th Floor  
São Paulo – SP CEP 04711-130  
Brazil  
Tel: +55 11 2109 2038

## Asia

### China

20/F Lei Shing International Plaza  
1319 West Yan'an Road  
Shanghai 200050  
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Tel: +86 21 22160774  
Fax: +86 21 52136624

### India

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The Business Precinct, Whitefield Main Road  
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[www.perkins.com/ep](http://www.perkins.com/ep)

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