



power your world  
Your first choice for electrical  
power generation

 Perkins®

THE HEART OF EVERY GREAT MACHINE

# Delivering **power** to **people**

From tools to construction sites, hotels to hospitals, frozen wastelands to expansive deserts, you can count on Perkins to deliver the power you need, when you need it.

For over 80 years we have worked with generator set manufacturers to bring light, warmth, protection and of course real peace of mind to thousands of people. Perhaps you need an engine to operate in a harsh environment or under strenuous conditions. Maybe it will only ever be used in an emergency. But whether running every day or once a year, you can count on our world-class people to create the innovative, efficient and reliable solutions whatever your application.

Keeping your engine running and in peak condition is a promise delivered by our highly trained network of distributors operating in some 180 countries. They ensure our commitment to quality is about more than just products, it's about building strong, trusted relationships with you that last a lifetime.

Their local knowledge is irreplaceable. Backed by the strength of our powerful training and support, they have in-depth expertise of power generation in their markets, understanding the environment, local legislation and the reliability of the grid. In short, they know what works – and what doesn't – in your region and you can always rely on them.

For unbeatable products and unrivalled customer service, Perkins will exceed your expectations.

Our commitment to quality is your guarantee of quality.



# Choose your perfect power solution

Your needs are our number one priority and by working together we guarantee you will have the engines and options that perfectly match your requirements.

This outstanding range of engines, reputation for excellence and an unrivalled global support network will give you the strength and confidence to attract and retain customers, growing your business well into the future.

Our range of small, medium and large engines consistently delivers exceptional performance, reliability, durability and low operating costs. They are available to you as standalone models, ready-to-run ElectropaKs or ultra-efficient combined heat and power solutions for stationary on-site power generation.

These clean, economical engines provide 5-2500 kVA (4-2000 kW) and hit all the key power nodes within that range. These engines deliver prime and standby power to meet all your requirements. Some models have a switchable option 50Hz-60Hz. All engines come with a 12-month warranty and 500-hour service intervals as standard, giving you extra peace of mind.

**Small  
range engines:**  
400 Series  
2, 3 and 4 cylinder engines  
5-39 kVA (4-31 kW)

**Medium  
range engines:**  
1100 Series, 1000 Series  
and 1200 Series  
3, 4 and 6 cylinder engines  
30-250 kVA (24-200 kW)

**Large  
range engines:**  
1300 Series, 1600 Series,  
2000 Series and 4000 Series  
6, 8, 12 and 16 cylinder engines  
200-2500 kVA (160-2000 kW)



## 400 Series



**Overview:** A class-leading diesel range and a significant evolution of the very successful compact engine family. Developed in conjunction with our customers, the 400 Series offers you superior performance, with low emissions and low operating costs – all in a small, efficient package.

**Power:** 5-39 kVA (4-31 kW)

**Emissions:** Certified: EU Stage IIIA. EPA Tier 4 Interim, moving to Tier 4 Final in 2013.

### 400 Series key benefits:

- 0.5 to 2.2 litre
- In-line 2, 3 and 4 cylinder
- Naturally aspirated, turbocharged, turbocharged charge-cooled
- Increased fuel tolerance for alternative fuels emissions targets anywhere in the world
- Seamless power range
- World engine design meets all non regulated and regulated territory requirements
- Flexibility - switchable ratings
- Refinement - world class low engine noise
- Integration - electronic governing option for improved gen set integration
- Simple design component commonality and ease of servicing provide low cost of ownership

## 1000 Series



**Overview:** Our advanced combustion technology gives the 1000 Series the high productivity levels and fuel efficiency you need. It's a class leader in terms of maintainability, giving you excellent reliability and cost-effectiveness.

**Power:** 90-165 kVA (72-132 kW)

**Emissions:** Non-regulated models.

### 1000 Series key benefits:

- 6.0 litre
- In-line 6 cylinder
- Increased fuel tolerance for alternative fuels
- Simple design, easy servicing and superior performance means a very low cost of ownership

## 1100 Series



**Overview:** Our popular, multigenerational 1100 Series gives you an optimum range of power solutions for non, lesser and higher-regulated countries.

**Power:** 30-228 kVA (24-180 kW)

**Emissions:** Certified up to EU Stage IIIA, EPA Tier 3.

### 1100 Series key benefits:

- 3.3, 4.4, 6.6 and 7 litres
- In-line 3, 4 and 6 cylinder
- Naturally aspirated, turbocharged, turbocharged charge-cooled
- Tropical radiator as standard for high ambient temperatures
- Most compact engine in its class for easy installation
- Optimised for class-leading performance
- Multigenerational platform to satisfy the widely differing levels of emissions legislation around the globe
- Common hook-up points lower design and installation costs
- Component commonality simplifies the build process and keeps inventory low
- Available in mechanical or full authority electronic variants that deliver high-power density and excellent fuel economy, with low exhaust emissions and minimum heat rejection
- Increased fuel tolerance for alternative fuels

## 1200 Series



**Overview:** Ultra clean, quiet and packed with state-of-the-art technology to ensure it meets the most stringent emissions legislation, this range has been built around the demands of our customers. These engines are a welcome addition to our higher-regulated industrial range and give you maximum performance and a lifetime of low cost.

**Power:** 68-250 kVA (55-200 kW)

**Emissions:** Certified: EU Stage IIIA, EPA Tier 4 Interim.

### The 1200 Series key benefits:

- 4.4 to 7.1 litre
- In-line 4 and 6 cylinder
- Turbocharged charge-cooled for extra power and load acceptance
- Full electronics for superior performance and low fuel consumption
- Aftertreatment perfectly matched to the engine

**Full specifications:** Available from your nearest distributor and at [www.perkins.com](http://www.perkins.com).



## 1300 Series



**Overview:** When you need quiet, clean, highly competitive power with outstanding economy, the 1300 Series delivers. This range also offers you the proven reliability of premium design features such as roller cam followers and wet liners to reduce wear, giving you low ownership costs.

**Power:** 189-275 kVA (151-220 kW)

**Emissions:** Certified up to EU Stage 2, EPA Tier 3.

### 1300 Series key benefits:

- 8.7 litre
- In-line 6 cylinder
- Turbocharged charge-cooled for extra power and load acceptance
- Simple design, easy servicing and superior performance mean a very low cost of ownership
- Electronic engine management enables precise fuel metering and injection timing for reliable, low-temperature starting, superb economy and performance
- Increased fuel tolerance for alternative fuels

## 1600 Series



**Overview:** The combination of high power density and load acceptance in the 1600 Series gives you the same performance normally associated with bigger engines. These robust engines have been designed to operate in all countries, at high ambient temperatures and high altitudes.

**Power:** 275-330 kVA (220-264 kW)

**Emissions:** Certified: EU Stage IIIA, EPA Tier 3.

### 1600 Series key benefits:

- 9.3 litre
- In-line 6 cylinder
- Tropical radiator for high temperatures
- Turbocharged charge-cooled for extra power and load acceptance
- Changes in engine dimensions and hook up points have been kept to a minimum for easy changeover from previous generation
- Increased fuel tolerance for alternative fuels

## 2000 Series



**Overview:** Developed from a proven heavy-duty industrial engine, the 2000 Series of turbocharged charge cooled engines offer exceptional performance and fuel consumption in a compact package that meets global emissions legislation.

**Power:** 350-700 kVA (280-560 kW)

**Emissions:** Certified up to Stage IIIA, Tier 3.

### 2000 Series key benefits:

- Family of 13, 15 and 18 litre
- In-line 6 cylinder
- Turbocharged and turbo charge-cooled for extra power and load acceptance
- Exceptional power-to-weight ratio and compact size gives optimum power density for ease of installation and cost effective transportation
- Full authority electronics continuously measure engine performance and provide excellent fuel consumption and service information for engine protection
- Excellent service access for ease of maintenance emissions and minimum heat rejection
- Increased fuel tolerance for alternative fuels

## 4000 Series



**Overview:** This distinctive range offers you trusted reliability, economic parts commonality and clean efficient power. You can also benefit from exceptional power-to-weight ratio, ease of service and adherence to the latest emissions compliance.

**Power:** Diesel: 750-2500 kVA (600-2000 kW)

### The 4000 Series key benefits:

- 23 to 61 litre
- In-line 6 and 8 cylinder
- Vee 12 and 16 cylinder
- Electronic governing for excellent load response and fuel consumption
- Excellent service access for ease of maintenance
- Component commonality throughout the range
- Versatile packaging options; optimised cooling groups offered in either tropical or temperate environments

**Full specifications:** Available from your nearest distributor and at [www.perkins.com](http://www.perkins.com).



Wherever you are in the world,  
you are always local to Perkins

To all our customers we make a simple promise: to keep your engines running wherever they are in the world.

With highly trained Perkins distributors in thousands of communities in over 180 countries, you are never far away from expert product knowledge, genuine parts and a range of advanced diagnostic technology for keeping your engine in peak condition.

We are committed to building long-lasting partnerships with you, and our distributors understand the unique needs of the market you operate in.

Enjoy peace of mind with warranties  
and service contracts

A reputation is built on trust and reliability, which is why we provide one-year warranties for constant-speed engines and two-year warranties for variable speed models, as standard. These are supported by multilevel Extended Service Contracts that can be bought additionally and are tailored to suit your needs, offering extra reassurance that your engine is well cared for.

# You can always count on us

We go the extra distance to bring you unrivalled service. That's why our UK and Singapore parts distribution centres operate around the clock, guaranteeing direct delivery of genuine Perkins parts wherever you are in the world.

Our customers rely on us to deliver the highest standards of quality and innovation, which is why our engines are designed and built from close customer collaboration. Our engineers will work closely with you to understand your challenges and requirements, tailoring our technology for your specific applications.

It's an approach our customers find stimulating and productive, and one which can significantly reduce your development time and costs, ensuring a maximum return on investment.

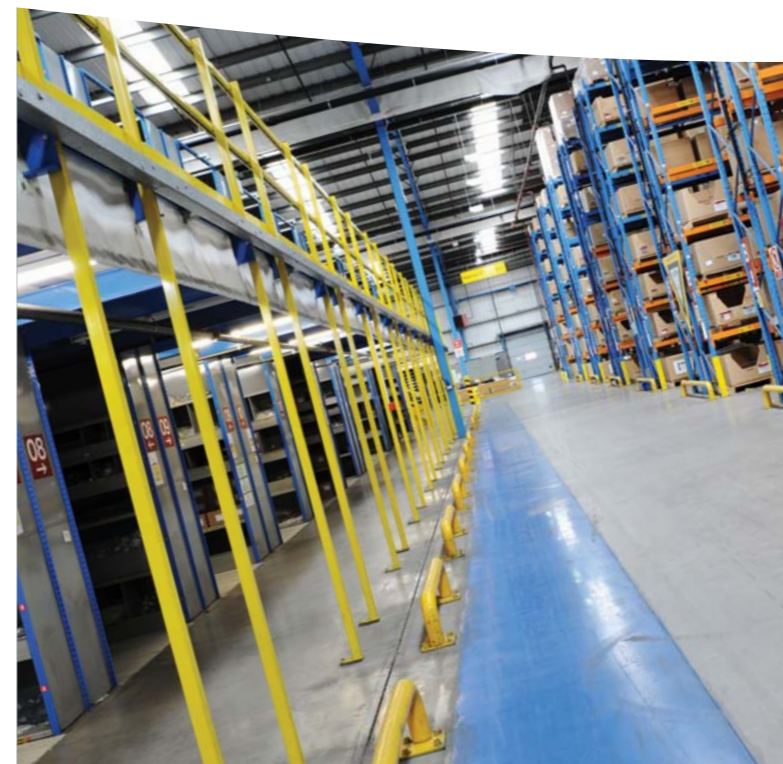
## Discover more

To find out how Perkins can help transform your business and to download detailed engine specification sheets, please visit [www.perkins.com](http://www.perkins.com).

## Other useful links

[www.perkins.com/distributor](http://www.perkins.com/distributor)

To find your local Perkins distributor.



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 **Perkins**<sup>®</sup>

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