

The engine of choice for the
power generation
market



 **Perkins®**

THE HEART OF EVERY GREAT MACHINE

Delivering you reliable **power for generations**

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

We have been working with generator set manufactures for over 80 years to bring you and thousands of others light, warmth, protection and genuine peace of mind. Whether you need your engine to operate under strenuous conditions in the harshest of environments, or only in the case of an emergency, our world-class people have the innovation, efficiency and dependable solutions whatever your application.

Your engine's performance is what drives our highly trained network of distributors. Ensuring it keeps running and remains in peak condition is their promise in each and every one of the 180 countries they operate in. We believe a commitment to quality is more than just products, that's why we build strong, trustworthy relationships that last a lifetime.

Backed by the strength of our comprehensive training and support, our distributors are equipped with irreplaceable knowledge and in-depth expertise of power generation in your region. They have a deep and intuitive understanding of their market, so you can always rely on their astute awareness of the environment, local emissions standards and reliability of the grid. In short, they know what works – and what doesn't in your area.

Our commitment to quality is
your guarantee of quality.



Choose the perfect power solution for your generator set

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.

Our unrivalled global support network combined with this outstanding range of engines not only equips you with the resources you need to attract and retain customers, but it also gives you the strength and confidence to grow your company well into the future.

You can choose from our range of small, medium and large engines as either standalone models, ready-to-run ElectropaKs or ultra-efficient combined heat and power solutions for stationary on-site power generation. Whatever your choice you are guaranteed reliability, durability, low operating costs and consistently exceptional performance.

These clean and economical engines meet all your requirements by providing 5-2500 kVA, delivering prime and standby power and hitting all the key power nodes within the range. Some models also have a switchable option 50 Hz-60 Hz.

All engines below 800 kVA meet the CPCB II emissions norms requirements and models are designed to meet global emissions standards.

Engines come with 12 months warranty and 500 hour service intervals as standard.

Small range engines:

400 Series
2, 3 and 4 cylinder engines
5-40 kVA (4-32 kWe)

Medium range engines:

1100 Series and 1200 Series
3, 4 and 6 cylinder engines
30-250 kVA (24-200 kWe)

Large range engines:

1500 Series, 2000 Series and
4000 Series
6, 8, 12 and 16 cylinder engines
200-2500 kVA (160-2000 kWe)



400 Series



Overview: The 400 Series is a class-leading diesel range, offering you superior performance, low emissions and low operating costs. This small, neat and efficient package is a significant evolution of the highly successful compact engine family.

Power: 5-40 kVA (4-32 kW)

Emissions: Certified: EU Stage IIIA/U.S. EPA Tier 4 Interim, moving to U.S. EPA Tier 4 Final.

400 Series key benefits:

- 0.5 to 2.2 litre
- Inline 2, 3 and 4 cylinder
- Naturally aspirated, turbocharged, turbocharged chargecooled
- 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 generator set integration
- Increased productivity with cold start capability
- Class-leading fuel system delivering high tolerance
- Simple design component commonality and ease of servicing provide low cost of ownership

1100 Series



Overview: The popular multi-generational 1100 Series gives you an optimum range of power solutions for non, lesser and higher regulated countries. This trusted range is available in mechanical or full authority electronic variants that deliver high power density, excellent fuel economy, with low exhaust emissions and minimum heat rejection.

Power: 30-220 kVA (24-200 kW)

Emissions: Certified up to EU Stage IIIA/U.S. EPA Tier 3.

1100 Series key benefits:

- 3.3, 4.4 and 7.01 litre
- Inline 3, 4 and 6 cylinder
- Naturally aspirated, turbocharged, turbocharged chargecooled
- Tropical radiator as standard for high ambient temperatures
- Most compact engine in its class for easy installation
- Optimised for class-leading performance
- Multi-generational platform to satisfy the widely differing levels of emissions standards around the globe
- Common hook-up points lower design and installation costs
- Component commonality simplifies the build process and keeps inventory low
- Increased fuel tolerance for alternative fuels
- Engines come with 12 months warranty and 500 hour service intervals as standard

1200 Series



Overview: Packed with state-of-the art technology, the 1200 Series range of ultra clean and quiet engines have been built around the precise needs of our customers. A welcome addition to our higher regulated industrial range, they give you maximum performance and a lifetime of low cost.

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

Emissions: Certified: EU Stage IIIA/U.S. EPA Tier 4 Interim and U.S. EPA Tier 4 Final.

1200 Series key benefits:

- 4.4 to 7.01 litre
- Inline 4 and 6 cylinder
- Turbocharged chargecooled for extra power and load acceptance
- Full electronics for superior performance and low fuel consumption
- Aftertreatment perfectly matched to the engine
- Engines come with 12 months warranty and 500 hour service intervals as standard
- Industry leading levels of torque
- High levels of transient response enabling faster and longer operational use

Full specifications: Available from your nearest distributor and at www.perkins.com/power



1500 Series



Overview: The economical, quiet and reliable 1500 Series engines provide high performance tailored to the power generation needs of our customers. With world-class power density they focus on the Perkins common platform theme, providing you low cost of ownership, simple maintenance and reduced downtime.

Power: 200-330 kVA (160-264 kW)

1500 Series key benefits:

- 8.8 litre
- Inline 6 cylinder
- Greater productivity through improved power to weight ratio
- Turbocharged chargecooled 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 changes to engine envelope dimensions and minimum connection points for easy installation across the ratings.
- Dependable power even in extreme ambient climates
- Engines come with 12 months warranty and 500 hour service intervals as standard

2000 Series



Overview: Developed from a proven heavy-duty industrial engine, the 2000 Series turbocharged chargecooled engines offer exceptional performance and fuel consumption in an ultra-compact package.

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

Emissions: Certified up to Stage IIIA/U.S. EPA Tier 3.

2000 Series key benefits:

- Family of 13, 15 and 18 litre
- Inline 6 cylinder
- Turbocharged and turbo chargecooled for extra power and load acceptance
- Exceptional power-to-weight ratio and compact size gives optimum power density
- Excellent service access for ease of maintenance emissions and minimum heat rejection
- Increased fuel tolerance for alternative fuels
- Engines come with 12 months warranty and 500 hour service intervals as standard.
- Full authority electronics continuously measure engine performance and provide excellent fuel consumption and service for engine protection
- Competitive total cost of ownership
- Platform commonality
- Capability to run at high altitude

4000 Series



Overview: This durable and economical range with proven technology 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 standards.

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

4000 Series key benefits:

- 23 to 61 litre
- Inline 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
- Class-leading warranty:
 - For prime applications:
 - one year unlimited hours running or for engines which operate less than 6,000 hours in the first year
 - two year or 6,000 hours which ever expires first
 - For standby applications:
 - up to three years or 1,500 hours maximum for engines which operate less than 500 hours in the first year

- 4006D-23 - All engines below 800 kVA meet the CPCB II emissions norms requirements
- Competitive fuel consumption for both standby and prime applications
- Capability to run at high altitude
- Market leading power density

Full specifications: Available from your nearest distributor and at www.perkins.com/power

You can always count on us

Wherever you are in the world, 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 whatever your region.

You rely on us to deliver the highest standards of quality and innovation, which is why we design and build our engines 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 we believe can significantly reduce your development time and costs, ensuring a maximum return on investment.

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.

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 ensure:

- World-class design and manufacturing
- Collaboration with engine experts
- Sustainable, clean engines meeting applicable emissions standards
- Competitive offering
- Distributor network that provides full product support

Enjoy peace of mind with warranties and service contracts

You can be assured that your engine is always well cared for, as every Perkins engine comes complete with a comprehensive warranty, offering you genuine peace of mind. We provide one-year warranties for constant-speed engines and two-year warranties for variable speed models, which covers the following areas:

- Labour
- Materials
- Reasonable travel
- Processed claims within a two-week period

Our warranties are also supported by multilevel Extended Service Contracts that can be bought additionally, offering extra reassurance that your engine is well cared for. After all, a reputation is built on trust and reliability.

Discover more

To find out how Perkins can help transform your business and to download detailed engine specification sheets, please visit www.perkins.com/power

Other useful links

www.perkins.com/distributor

To find your local Perkins distributor.



Asia

Singapore

Perkins Engines (Asia Pacific) Pte Ltd
14 Tractor Road
Singapore 627973
Tel: +65 6828 7469
Fax: +65 6828 7414

China

Perkins Industrial Power Systems-Shanghai
20/F, Lei Shing International Plaza,
1319 West Yan'an Road,
Shanghai 200050
China
Tel: +86-21-22160774
Fax: +86-21-52136624

Americas

North America

Perkins Engines Inc
N4 AC 6160
PO Box 610
Mossville, IL 61552-0610, USA
1-888-PERK-ENG
Tel: +1 309 578 7364
Fax: +1 309 578 7329

South America

Perkins Motores do Brasil Ltda
Rua Alexandre Dumas
1711 Edificio Birmann 11 4 Andar
CEP 04717-004 São Paulo - SP
Brasil
Tel: +55 11 2109 2038
Fax: +55 11 2109 2089



THE HEART OF EVERY GREAT MACHINE

Europe, Middle East and Africa

Perkins Engines Company Limited
Peterborough PE1 5FQ
United Kingdom
Telephone +44 (0)1733 583000
Fax +44 (0)1733 582240

www.perkins.com