



Resilient and
robust power
for data centres

 **Perkins®**

THE HEART OF EVERY GREAT MACHINE



You require large volumes of data to be constantly secure and cannot afford the detrimental impact a failure can have on your company. After all, a data centre's reliability is as only as good as its electricity supply. If the power goes down you need to know that your generator set will keep your business safe, secure and running smoothly.

That is why our experienced team, has, for over 85 years, worked to continually provide resilient and robust power solutions that offer you dependability and peace of mind when you need it most. You cannot always rely on the power network but with a Perkins engine inside your generator set you will be leaving nothing to chance.

The data centre market is experiencing unprecedented economic growth. As businesses and people continue to require secure cloud data storage, the demand for a constant and dependable supply of electric power will continue to grow.

Our global facilities produce the world-class engines you have come to expect from the Perkins brand. Providing vital power solutions to Original Equipment Manufacturers (OEMs) around the world.

However stringent the demands that are placed on a data centre's generator set, whether it operates at prime, continuous or standby, a Perkins engine has the quality and reliability to ensure it performs each time, every time.

Working together to **supply**
power you can **rely on**

Choose the **perfect power solution** for your **generator set**

Our 1500, 2000 and 4000 Series engines are designed to consistently deliver exceptional performance, durability and low operating costs for power generation to the data centre industry. Their excellent reliability and uptime can be verified through historical data, and coupled with a competitive first price and unparalleled customer support, it makes a Perkins powered generator set the best choice every time.

No time for downtime

Unplanned downtime can lead to financial loss and reputation damage for your business, that is why data centre resiliency is essential to an organisation's disaster recovery plan. Our range of 4000 Series engines operate at the following kVA ratings:

Engine Type	Data Centre Continuous (DCC) Rating (Typical)
1506A-E88TAG1	200 kVA
1506A-E88TAG2	230 kVA
1506A-E88TAG3	250 kVA
1506A-E88TAG4	275 kVA
1506A-E88TAG5	300 kVA
2206A-E13TAG2	350 kVA
2206A-E13TAG3	400 kVA
2506A-E15TAG1	450 kVA
2506A-E15TAG2	500 kVA
2806A-E18TAG1A	600 kVA
2806A-E18TAG2	650 kVA
4006-23TAG2A	750 kVA
4006-23TAG3A	800 kVA
4008TAG1A	900 kVA
4008TAG2A	1000 kVA
4012-46TWG2A	1250 kVA
4012-46TAG0A	1250 kVA
4012-46TAG1A	1350 kVA
4012-46TAG2A	1500 kVA
4012-46TAG3A	1700 kVA
4016-61TRG1	1850 kVA
4016-61TRG2	2000 kVA
4016-61TRG3	2250 kVA

These ratings are consistent with the requirements of the Uptime Institute's Tier III/IV classification requirements.



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.

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

Key benefits:

- Greater productivity through improved power to weight ratio
- Turbocharged chargecooled for extra power and load acceptance
- Increased fuel tolerance for alternative fuels changes to engine envelope dimensions and minimum connection points for easy installation across the ratings
- Capability to run at high altitude and up to 50°C ambient temperature
- Engines come with 12 months warranty and 500 hour service intervals as standard



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.

Emissions: Certified up to EU Stage IIIA/U.S. EPA Tier 3/ China Non-Road Stage III.

Key benefits:

- 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
- Engines come with 12 months warranty and 500 hour service intervals as standard
- Accessible, expert product support delivered by our distributor network
- 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 and up to 50°C ambient temperature

Find out more

You can find full specifications of our engines at: www.perkins.com/power



Overview: This durable and economical range with proven technology offers you trusted reliability and clean efficient power. You can also benefit from exceptional power-to-weight ratio, improved fuel efficiency and ease of service.

Emissions: TU Luft certified and meets India's CPCBII emissions standards.

Key benefits:

- 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:
 - 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
 - Standby applications: up to three years or 1,500 hours maximum for engines which operate less than 500 hours in the first year
- Competitive fuel consumption for both standby and prime applications
- Capability to run at high altitude and up to 50°C ambient temperature





You can always count on us

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.

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. 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

Our 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.

Meeting global demand for **dependable power**

Enjoy peace of mind with our warranties

Our reputation is built on trust and reliability, which is why we provide a two-year / 6,000-hour warranty for prime application on the 4000 Series engine platform.

These are supported by Perkins® Platinum Protection, the best extended cover for your engine. Offering you flexible packages between two and ten years, it's unbeatable value for money with no excess to pay. Stay protected with Perkins Platinum Protection.

With over 85 years' engines expertise, we have produced more than 20 million engines worldwide, developing a global reputation built on the trust earned from our customers.

By sharing our expertise we continue to deliver world-class power solutions that support the growth of the economy and sustain the data centre industry's increasing demand for dependable energy.



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