

# 2500 Range: 6 Cylinder

The 6 cylinder 2500 range of diesel engines delivers outstanding power density, low cost of installation and ownership, and reliable and robust performance for both industrial engine and electric power (EP) customers. Our 15 litre 2506 industrial engines take Perkins into a new power bracket, giving OEMs the opportunity to extend the use of our engines across their range. Our EP range of engines, meanwhile, is ideal for your power generation requirements from 455-687 kVA.

Part of our 2000 Series, the 6 cylinder Perkins 2500 range is a powerful and robust family of engines designed to improve the performance and productivity of your machines.

Whether you need an engine to power your off-highway applications or a unit for reliable and efficient electricity generation, the 2500 range delivers the power you need.

Our 6 cylinder 2506 industrial engine is a 15 litre turbocharged and aftercooled unit with direct injection and a fully electronic control system. With a power range of 328-444 kW (440-595 hp), it's the ideal choice for hard-working applications, particularly in construction, and has been validated to deliver optimal performance in the harshest working environments. [Click here](#) to view our 2500 products.



Perkins 2500 range engine offering

high performance with reliability and economy.

The 2506 is designed to meet EU Stage V/U.S. EPA Tier 4 Final, or to suit other global emissions standards. This flexibility allows you to develop single machine platforms to access multiple territories more affordably.

The electric power model is certified up to EU Stage IIIA, U.S. EPA Tier 3, China Non-Road Stage III and India's CPCBII.

“The robust 2500 range has been designed to keep hard-working machines running reliably in the toughest

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environments – and ensure your machine is as productive as possible.”

*Mark Borst, product marketing*

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## Outstanding power density

The 15 litre 2506 is a new industrial rating for Perkins, which means OEMs can extend the use of Perkins engines across their range. High power density also allows you to select a smaller engine where you might have used a larger one previously. This downsizing not only creates additional space to optimise your machine installation for operator usability, but it also reduces running costs, making your machines more competitive.

The 2506 has been designed with simple and low-cost installation in mind. Features such as on-engine aftertreatment mounting and full Industrial Open Power Units (IOPU) from the factory also contribute to reduced installation costs.

## Robust performance and low running costs

This robust unit has been designed to keep hard-working machines running reliably in the toughest environments – and ensure your machine is as productive as possible.

You can also rely on low cost of ownership, with fuel consumption optimised for a wide range of equipment and applications. Low cost maintenance is also achieved through 500-hour oil change intervals.

The 2506, along with the 9 litre 1706, 13 litre 2206 and 18 litre 2806, expands Perkins industrial engine offering. The benefit to OEMs is that it saves you time and money, as you can now go to just one supplier – Perkins – to meet all your engine needs for your global machine line-up.

## Electric power

The 6 cylinder Perkins 2500 EP range is ideal for your power generation requirements from 455-687 kVA, for both prime and standby power.

Features and benefits include flexible packaging to cater for the space you have available, mechanically operated unit fuel injectors, electronic control and carefully matched turbocharging, to give you performance and economy.

Engines offer exceptional fuel economy, resulting from the power-to-weight ratio of the engines, and are the ideal choice for today's power generation industry.

Our engines give you reliable power, low oil usage and low wear rates. And with their high compression ratios, you can be assured of clean and rapid starting in all conditions.

Engines in our ElectropaK 2500 range are delivered to you complete with radiator and air cleaner system already built on, enabling you to simply bolt the engine down, connect it up and start generating.