PowerLink Generator Powered by the JD14 Engine

Reliable power isn't just a convenience — it's a necessity. Construction companies rely on it to break ground, hospitals depend on it to save lives, and industries need it to keep the wheels turning. PowerLink UK understands this demand and is meeting the challenge head-on with the A500JS generator set: a robust new player in the world of high-capacity power solutions.

Versatility Built In

At the heart of the A500JS is the John Deere JD14 engine, a standout solution in its power band. It's not just powerful — it's smart and adaptable. With a power range of 298 to 599 kW (400 to 803 hp), the JD14 delivers the perfect balance of performance and versatility. Its flexible design, available in both single and dual-turbo configurations, allows generator manufacturers to tailor their builds for a wide range of applications. For end users, the engine's straightforward maintenance requirements ensure easy, cost-effective servicing to help keep operations running smoothly and efficiently.

Andy Collins, sales manager at E.P. Barrus Ltd (the long-term John Deere engine distributor for the UK and Ireland) highlighted the JD14's advantages: "What's remarkable about the JD14 engine is its impressive load acceptance, low fuel and DEF consumption, and proven performance — even in extreme conditions. This makes it the perfect match for the A500JS genset, capable of delivering reliability and consistent operation for a wide range of applications."

The A500JS, paired with a Leroy Somer alternator, is ready to tackle a wide range of challenges. Whether powering construction sites, industrial plants, or emergency backup systems, it's built to handle demanding applications with ease. A bunded base tank protects against leaks and spills, while a three-way fuel valve allows for flexible external fuel connections — enhancing overall versatility. Its weatherproof, soundproof canopy shields it from extreme conditions and ensures quiet operation, delivering just 76 dBA at 7 metres (23 feet) under full load. This makes it ideal for modern noise-sensitive environments.

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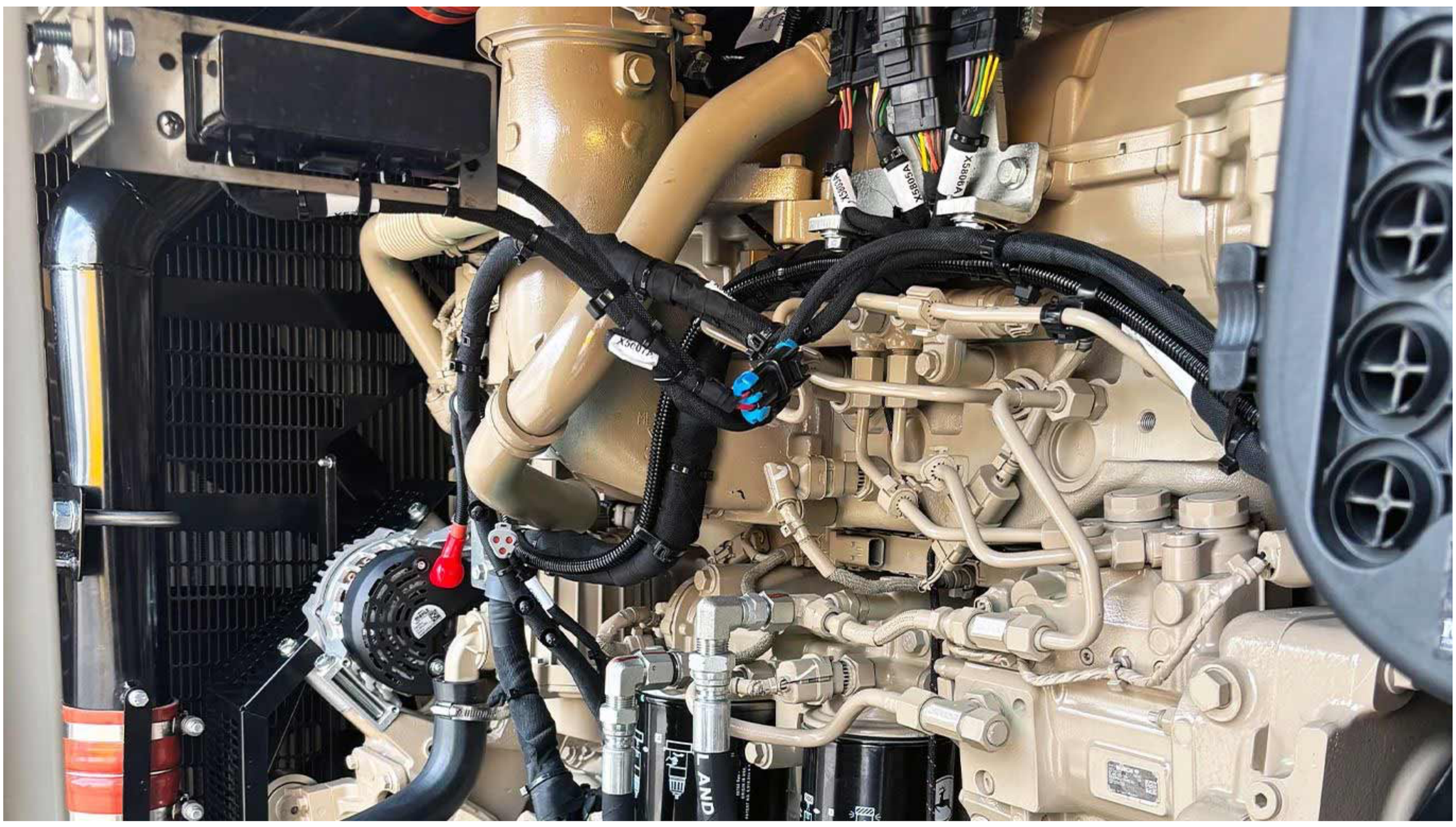
PowerLink Sales Manager Jack Zhu commented, "The A500JS is a really exciting new addition to the John Deere-powered range within the PowerLink portfolio of Stage V/Tier 4 Final-compliant generators that can now reach 505 kVA prime power. We have years of experience with the John Deere range from 53 to 304 kVA and have always received excellent customer feedback, particularly praising their durability, reliability, and fuel efficiency. With the extensive development and testing that has gone into the A500JS, we are confident that this latest model powered by the JD14 will exceed customers' expectations — even in the most demanding applications and environments."



The John Deere JD14 engine provides powerful, efficient, and durable performance

Looking Ahead: A Bright Future

For more than 25 years, PowerLink UK, based in Leeds, has carved a niche in delivering adaptable, high-quality power solutions while working closely with Barrus to ensure reliability and performance. "Their expertise — from the initial discussions to the final build and commissioning — has been invaluable," commented Jack. "The Barrus team is always on hand to answer questions and consistently provides practical solutions."

The JD14-powered A500JS is set to make its mark globally. Following its successful debut at bauma in Munich, the generator is primed to meet international demand with performance and durability. For PowerLink, it's another step forward as they prepare to tackle today's challenges and help shape the future of energy.