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Omnispower Europe Unveils AI-Enhanced Battery Energy Storage System at Intersolar Europe 2024



Munich (ots) -

Omnispower Europe, in collaboration with its esteemed partners Inion Software and EIKO POWER, is proud to showcase its groundbreaking Battery Energy Storage System (BESS) at Intersolar Europe 2024. This innovative system, designed to operate efficiently in the most extreme conditions, represents a significant leap forward in energy storage technology.

Revolutionizing Energy Storage with AI-Powered Solutions

Omnispower Europe, a leader in cutting-edge energy solutions, has developed a state-of-the-art smart battery capable of maintaining optimal performance even in harsh environmental conditions. This revolutionary BESS has already seen successful deployment in Italy, sparking growing interest across Europe.

At the heart of this advanced battery system is its unique air-liquid cooling technology and AI-enhanced energy management system, which was developed by Inion Software. "Our AI-powered energy management system dynamically adjusts energy strategies based on real-time climatic conditions and energy demand, optimizing operational efficiency," explains Dr. Robertas Janickas, CTO at Inion Software.

Unmatched Performance and Modularity

The Omnispower battery stands out as one of the few systems in Europe with certification for the entire system rather than just individual components. With capacities of up to 215 kWh and the ability to scale up to an impressive 2.5 MWh, this battery is designed for both flexibility and robustness. "Our battery's modularity allows seamless integration of additional modules to meet the growing energy demands of businesses," says Orinta Eivaite, CEO of Omnispower Europe.

Real-World Impact in Italy

A prime example of the battery's transformative impact is its deployment at Padua, Italy's significant land terminal. EIKO POWER, Omnispower's spin-off manufacturing entity in Italy, has played a crucial role in this implementation. With a storage capacity of 1.5 MWh, the battery modules have enhanced operational efficiency and flexibility in energy utilisation.

"The deployment in Padua highlights our battery's ability to cut critical load charges and optimise energy consumption during peak periods, leading to substantial cost savings," adds Eivaite. "Furthermore, our AI-powered system eliminates the need for manual workload management, autonomously selecting optimal actions tailored to business needs."

Commitment to Quality and Innovation

Omnispower Europe, along with its partners, is dedicated to providing top-tier energy storage solutions. The extensive testing of their BESS in diverse global environments has ensured its adaptability and reliability. As renewable energy adoption continues to rise, the demand for efficient and resilient energy storage solutions is more critical than ever.

Join Us at Intersolar Europe 2024

Omnispower Europe invites all attendees of Intersolar Europe 2024 to visit their stand to learn more about their innovative BESS and meet the teams behind this groundbreaking technology. Representatives from Omnispower Europe, Inion Software, and EIKO POWER will be available to discuss how their collaborative efforts are shaping the future of energy storage.

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Project : Interporto Padova (battery storage in Padova/Italy, instalation 1.5 MW) / Weiterer Text über ots und www.presseportal.de/nr/175452 / Die Verwendung dieses Bildes für redaktionelle Zwecke ist unter Beachtung aller mitgeteilten Nutzungsbedingungen zulässig und dann auch honorarfrei. Veröffentlichung ausschließlich mit Bildrechte-Hinweis.

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