

04.04.2024

## **PRESS RELEASE**

### **MUNICH ELECTRIFICATION JOINS EES EUROPE 2025**

Munich, 04.04.2025 – Munich Electrification is excited to announce its first participation in EES EUROPE 2025 at the smarter E Europe in Munich – Europe's largest alliance of exhibitions for the energy industry. At this exhibition, the company will showcase its cutting-edge Battery Management Solutions designed for Energy Storage Systems up to 1500V, offering partners, customers, and industry experts a unique opportunity to explore innovative solutions that streamline energy storage, optimize performance, and ensure unwavering reliability.

### **WHERE TO FIND US**

Join us at EES EUROPE 2025 in Munich to engage directly with our experts:

**May 7–9, 2025**

**Hall C2 | Booth 590**

### **CHALLENGES**

The successful implementation of utility-scale energy storage hinges on overcoming key challenges, primarily concerning safety and reliability. Ensuring overall system robustness, implementing rigorous safety protocols, cyber security, and deploying advanced thermal management are paramount to prevent critical risks.

Beyond fundamental safety, achieving precise State of Charge, State of Power and State of Health measurements are essential for optimizing system performance and ensuring a dependable energy supply. These operational requirements must be met within the context of a rapidly expanding market. The swift evolution of battery technologies and regulatory standards creates a complex environment, challenging companies to innovate quickly while maintaining the highest levels of safety and performance.

Finally, geopolitical factors introduce additional uncertainty, highlighting the need for flexible and independent solutions.

## **DISCOVER ENERGY STORAGE MANAGEMENT THAT IS...**

- ... Reliable: State-Of-Charge You Can Count On.
  - ... Safe: Being Safe Means Being Secure.
  - ... Proven: Automotive Legacy, Unmatched Expertise.
  - ... Available: Your All-In-One Platform for Seamless Energy Solutions.
  - ... Sustainable: Powering the Future for Clean Energy Storage Technologies.
  - ... in a nutshell: Munich Electrification.
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## **PRODUCT HIGHLIGHTS**

### **SBSS - SMART BATTERY SENSOR STATIONARY FOR 1500 V**

Munich Electrification presents a comprehensive battery management system (BMS) tailored for utility-scale energy storage systems (ESS). We have developed the SBS and CMB technologies specifically for ESS applications.

#### **Key features include:**

- Designed for 1500 V BESS utility-scale applications
- Advanced battery management algorithms that ensure optimal energy efficiency and minimize downtime
- Optimized SoC, SoH, and balancing algorithms for energy storage applications
- Safety functions compliant up to ASIL D (ISO 26262), PL c (ISO 13849) and Class B (IEC 60730)
- Cyber security conformity for UL5500 (UL9540) and IEC 62443 (SL 2)
- Interfaces available via CAN and Ethernet
- UL1973 and IEC 62619 compatibility
- Capability to connect up to 100 strings in parallel
- Reinforced HV/LV insulation
- Secure Over-the-air updates for seamless accessibility, analytics and battery insights
- Extended lifespan and energy optimization for your battery

## CMB – CELL MONITORING BOARDS

### Key benefits include:

- High cell voltage measurement accuracy
- Precise cell temperature input measurement channels
- Innovative thermal event detection sensors
- Compact design with integration options ranging from flex circuit interfaces to fully cell-module integrated CMBs
- Functional Safety levels up to ASIL D in combination with the SBS
- Flexible cell voltage measurement channel counts
- Advanced cell monitoring chipset technology

## EXHIBITION AND CONFERENCE

Visitors are invited to connect with the Munich Electrification team at Hall C2/590, where we will share our vision for a future without energy limitations. The event's highlight will be an exclusive conference session on **May 6, 2025**, featuring our Co-Founder, Stefan Goede. His presentation, **“What Happens in the Lab Does Not Stay in the Lab!”** is scheduled from 11:35 a.m. to 11:50 a.m.

Munich Electrification is dedicated to developing innovative battery management systems, advanced control and sensing components, and a robust software framework designed for clean energy storage. Building on a strong legacy in automotive electrification, the company is paving the way for scalable, accessible, and sustainable energy solutions. With over-the-air software updates that extend battery lifespan and optimize energy usage, Munich Electrification stands committed to reliability, security, and proven expertise.

“We are thrilled to engage with our partners and customers at EES Europe,” said Georg-Friedrich Graf, CEO of Munich Electrification.

“Our participation is a great opportunity to demonstrate how our advanced battery management solutions are pioneering the future of energy storage – one that balances performance with sustainability.”

Munich Electrification invites all attendees to visit Hall C2/590 during EES Europe to experience live demonstrations, gather valuable insights, and explore new opportunities in powering critical infrastructures for a cleaner energy future.

## Daily presentations at Hall C2 | Booth 590 :

**7.5.2025, 11 am** | Stefan Goede, Co-Founder: "A battery is only as good as its brain. Battery Management Systems of Munich Electrification."

**8.5.2025, 11 am** | Urs Kalt: "A battery is only as good as its brain. Battery Management Systems of Munich Electrification."

**9.5.2025, 11 am** | Urs Kalt: "A battery is only as good as its brain. Battery Management Systems of Munich Electrification."

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## ABOUT MUNICH ELECTRIFICATION

Munich Electrification is a leading provider of innovative battery management solutions that has the development of sustainable battery management systems and electronics in its DNA. Munich Electrification offers state-of-the-art methods in software and electronics development. We leverage the profound expertise of our professionals, who have already worked for leading automotive manufacturers such as Tesla, Porsche, Daimler, and BMW. With a commitment to innovation and a passion for pushing the boundaries of what is possible, Munich Electrification strives to be a distinctive lead supplier for the electrified world and beyond.

For more information, please visit [www.munichelectrification.com](http://www.munichelectrification.com) or contact

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