



COMPANY PROFILE

LION E-Mobility AG is a Swiss holding with strategic investments in the e-mobility sector, particularly in the field of electric energy storage as well as battery pack development and management. The company's subsidiary company is the German LION Smart GmbH.

LION Smart GmbH develops battery packs and battery management systems. LION Smart is also a development service provider for original equipment manufacturers (OEMs), automotive suppliers and other industries. In addition, LION Smart offers consulting services for lithium ion storage technology and maintains its own research and development program. LIGHT Battery, among others, was developed as a part of this program. It allows a range of up to 700 km compared to conventional lithium-ion batteries, which have a range of about 300 km. LION Smart works closely with research institutes and universities. LION Smart GmbH also holds a 30% stake in TÜV SÜD Battery Testing GmbH, a joint venture with TÜV SÜD AG, and operates test benches and test laboratories for electrical storage devices as part of this cooperation. Moreover LION Smart GmbH was selected by BMW as integrator for their battery packs and modules for various applications.

COMPANY HIGHLIGHTS

- Supplier of battery safety and monitoring systems and other battery products
- Inventor of the LIGHT Battery, an industry leading and patent pending technology concept for lithium-ion battery systems
- Lucrative future market with great growth opportunities
- Experienced management team
- Diversified business model: R&D, consulting, design & prototyping and series supply
- Joint venture with TÜV SÜD AG: One of the largest battery test centers in Europe
- Hörmann Group as a partner in production and other industrial partnerships
- First-class partners: government organizations, research institutions, automotive OEMs and their suppliers, as well as manufacturers of stationary storage systems
- Strategic and technical consulting with extensive industry knowledge

BOARD OF DIRECTORS

Alessio Basteri	President of the Board
Tobias Mayer	CEO
Thomas Hetmann	CFO
Ian Mukherjee	Member of the board of directors

AT A GLANCE

Founded	2011
Locations	Baar, CH (AG) Munich, GER (GmbH)
Industry Sector	E-Mobility; Segments: Battery Tests, Prototypes, Management Systems, Series
Products	LIGHT Battery, Battery Management System Further battery solutions
Services	Support in the development and testing of electrical storage devices
Partners	TÜV SÜD (Joint Venture) BMW (partner for integration) TU München (research)
Listings	Xetra, Frankfurt, Munich
Internet	www.lionemobility.com

TECHNOLOGY HIGHLIGHTS

- The high-energy density, the compact design and the special safety concept of the LIGHT Battery provide more range and much more charging power compared to conventional lithium-ion battery systems
- Developed for a fully automatized production: the smallest number of components for the battery module in an industrial comparison
- No wiring harness, therefore impedance measurement possible
- Variable size: tailored to the needs of each application and customer
- Highest energy density: through reduction of components, cables and high function integration
- Maximum lifespan: thanks to innovative cooling and thus uniform temperature distribution
- High security: through double-sided security and immersion
- No danger of single sourcing: round cell standardized commodity product

CONTACT

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