WE ARE YOUR RELIABLE PARTNER FOR ELECTRIFICATION

- German engineering excellence with passion for green technology – our experienced team boosts your R&D and Safety processes
- We have over 10 years of experience in Li-Ion batteries in a strong and excellent network
- Trustful partnerships with SOGEFI and our Joint Venture partner TÜV SÜD strengthen us as holistic solution provider over the whole battery value chain

WE ELECTRIFY THE FUTURE

- We are dedicated to tackle climate change - one of the greatest challenges of our time
- The progress of Electrification brings new challenges and battery requirements increase steadily
- We deliver high performance technology for high power and safety demands

OUR LIGHT BATTERY

IMMERSION COOLED CYLINDRICAL CELL BATTERY FOR HIGH PERFORMANCE

- Innovative immersion cooling systems with superior safety and performance characteristics
- Supercell design based on 21700 cell architecture allows super slim and flexible battery geometries
- Multitude of supercells and module configurations possible (34pXs and 46pXs fully developed)
- Unique Electrochemical Impedance Spectroscopy in each supercell for improved prediction of power and energy availability and limitations

YOUR BENEFITS

HIGH PERFORMANCE BATTERY
We enable exceedingly high continuous charge- and discharge rates over an extended lifetime at enhanced safety

INCREASED LIFETIME
Higher lifetime at high performance due to significant reduction of temperature gradient and average cell temperature in the battery pack

SUPERIOR SAFETY CHARACTERISTICS
Highest safety for a multitude of applications thanks to single cell fuses and noncombustible cooling medium

HIGH FLEXIBILITY AND MODULARITY
Module length easily adjustable to your requirements due to customizable number of Supercells in series and and flexible and modular design for easy adaption to specific installation spaces and use-cases

PRODUCTION ORIENTED ENGINEERING
Designed for automated production and equal parts enable high-volume production and reduction of assembly costs to minimum