

What is accure battery intelligence?

Interested? ACCURE Battery Intelligence emerged from the largest European research group for battery systems at RWTH Aachen University. ACCURE combines cutting-edge research with a practical understanding of the industry's challenges to deploy, operate and recycle batteries safely and effectively.

What does accure do?

ACCURE combines cutting-edge research with a practical understanding of the industry's challenges to deploy, operate and recycle batteries safely and effectively. Today, almost 50 battery experts and data scientists collaborate to support companies worldwide in making batteries safe, reliable, and sustainable. How is your battery?

How can accure improve battery life?

Enter Accure and its platform that is capable of extracting and analysing this data to optimise the system design and the operation of the batteries, increasing their lifetime by up to 25%. "It is always great if you can add value with software to existing assets, making them more sustainable," KP says.

How can accure make batteries more sustainable?

Optimize and upgrade them and you have the key to energy efficiency, decarbonisation and net zero," says KP Kairies. KP is the CEO of Accure - which refers to accuracy and cure - a company dedicated to making batteries intelligent and more sustainable through data analytics technology. "Lithium ion batteries make up 99% of the batteries we use.

How do you manage battery risk?

Over 20 risk-indicators are monitored to prevent failures, incidents, and downtimes. Ensure that you stay within warranty limits and control operational risk. Follow the data. Aggregate manufacturer specifications, battery testing, and field data into a single solution. As batteries age, safety issues become more likely.

ACCURE Battery Intelligence may be growing as it has recently secured a significant investment of EUR 7.2 million, which is a strong indicator of financial growth and investor confidence. The company has also been involved in a Series A2 funding round where it raised \$7.8 million, further demonstrating its ability to attract capital for expansion.

About ACCURE Battery Intelligence. ACCURE helps companies reduce risk, improve performance, and maximize the business value of battery energy storage. Our predictive analytics solution simplifies the complexity of battery data to make batteries safer, more reliable, and more sustainable. By combining cutting-edge artificial intelligence with ...

AACHEN, Germany, September 15, 2022--HDI TH!NX as a provider of IoT-based risk management

solutions and ACCURE Battery Intelligence as an expert in battery analytics and storage monitoring, have entered into a cooperation to increase the financial viability and insurability of battery storage.. Based on the analyses of battery field data provided by ...

Battery analytics white papers, customer stories, ACCURE Podcast episodes, and more. Solutions. ... Predictive Battery analytics Platform. Improve safety, drive performance and extend lifetime. Use Cases. Retiring batteries. Planning end of life and calculating residual value. Planned maintenance. Reduce downtimes, avoid unnecessary wear-and-tear.

Figure 1: Structure of a battery system. The primary functions of a battery management system include: Monitoring Battery Cells: The BMS continuously monitors the voltage, current, and temperature of battery cells 1 to ensure they operate within safe limits. In this way, it safeguards battery cells by preventing faulty battery states such as overvoltage, overtemperature, or deep ...

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AACHEN, Germany (November 27, 2024) - ACCURE Battery Intelligence, the leading provider of predictive battery analytics software, announced today it has received the 2024 Energy Storage Award for Safety Product of the Year. ACCURE's predictive battery analytics platform substantially reduces the risk of thermal runaway by using AI, machine learning, field data, and ...

AACHEN, Germany, July 14, 2022--Berlin's public transport authority BVG intends to contribute to the city's mobility transition by switching entirely to electric buses by 2030 at the latest. And it's determined to make the operation and charging of its electric buses safer and more reliable. With this in mind, it's announced it will be using ACCURE Battery Intelligence during a one ...

ACCURE's analytics software transform battery data into business intelligence, increasing profitability by advancing safety, reliability, and sustainability. Software. Software. Software. Solutions. Solutions. Solutions. Battery Analytics Use Cases. Safety Monitoring. Prevent battery incidents. Performance Optimization. Act on insights ...

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ACCURE Battery Intelligence | 11.989 Follower:innen auf LinkedIn. Empowering Batteries | We are hiring! | Improving the safety, reliability, and longevity of battery systems through cloud computing. Currently serving 5+ GWh of battery systems across the globe and actively monitoring 45+ BESS sites. Energy Storage Safety

Product of the Year | Frost & Sullivan Global ...

GERMANY, June 12, 2023 -- ACCURE Battery Intelligence, an Aachen-based provider of battery analytics software, and STABL Energy, a Munich-based tech start-up that gives electric vehicle batteries a new life, today announced a partnership to strengthen battery innovation and sustainability throughout the entire battery lifecycle. As storage applications expand and ...

Turn battery data into action. Ensure exceptional performance, safety, and value with award-winning predictive battery analytics software built by world-class battery experts.

Cloud-based battery analytics provider ACCURE is monitoring a fleet of large-scale battery storage systems in Germany for Iqony, a subsidiary of utility Steag. ACCURE, a spin-out from the research labs at German ...

With over 50 battery incidents prevented, ACCURE's software uses physics-based models and statistical approaches beyond the limitations of an on-board battery management system (BMS). Continuous monitoring detects up to 20 ...

RIO ARRIBA, N.M., and AACHEN, Germany (September 25, 2024) -- ACCURE Battery Intelligence, a leading provider of AI-based battery safety and performance technology, announced today an agreement to optimize performance and reliability of Repsol's 20 MW/80 MWh Jicarilla battery energy storage system located near the 62.5 MW Jicarilla I Solar power ...

Web: <https://www.gennergyps.co.za>