

Optimizing EV Battery Testing

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Keysight EV Test Solutions

Our target - What?

- Providing excellent test solutions
- Enabling our customer to develop excellent products
- Provide competitive advantage by shorter time to market

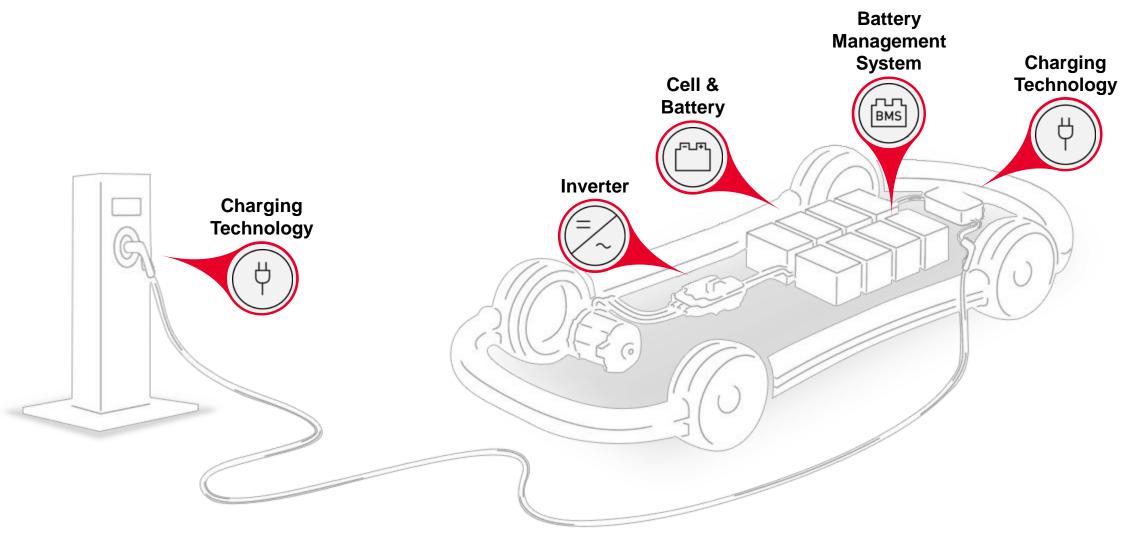
Achieving our target - How?

- Understand the customer application and test objective
- Development expertise
- Modular, extendable portfolio for EV testing



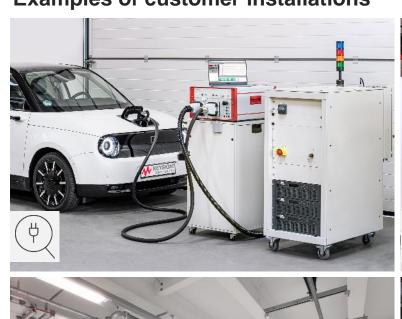
Keysight Vehicle Electrification Test Solutions

Applications overview



Keysight EV Test Solutions

Examples of customer installations













Planning a Battery Test Lab



Test Hardware – Cell to pack

Keysight Battery Test Systems

- High availability
- Good regeneration
- Possibility to upgrade when requirements change



Test Software

Energy Storage Discovery

- Intuitive operation system
- Integration of all test bed components
- Integration to Safety PLC



Combined Battery Test Solution

Climatic chamber and test fixtures integrated Minimize footprint and installation requirements

Battery Test Solutions

Understanding the needs of our customers

Provide best value for your investment

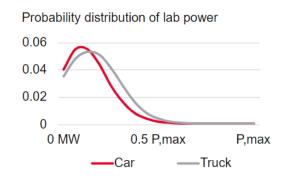


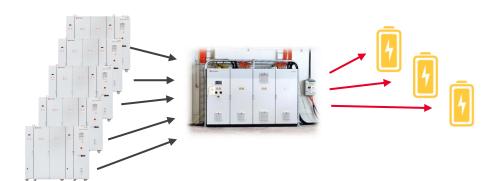
Performance & Lifetime

Large number of durability testing channels in small footprint

Optimized use of power

Grow your lab based on actual need







Manage Test Objects and Their Logistics

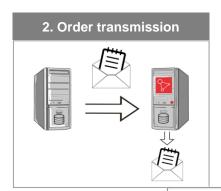
Register and track test objects (batteries, cells and other DUTs) and their locations.



How Lab Operations Supports the Testing Process

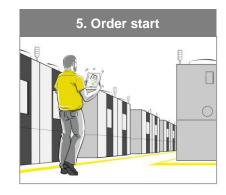






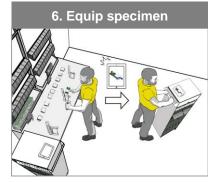


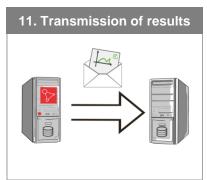




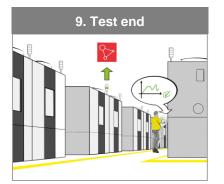


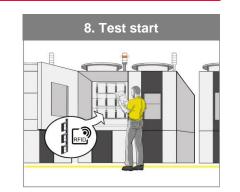


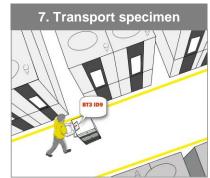














Thank you

Stand 25C

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