

Battery testing chisinau

The battery is the key component of the electric vehicle. As demand for electric cars and vehicles increases, manufacturers need to be confident the high-voltage batteries they use meet international standards for safety, reliability, endurance, and performance.

All battery tests are conducted in accordance with international standards and original equipment manufacturer (OEM) specifications including ISO, IEC, UN ECE, SAE, LV, AK and many more. We can also perform bespoke tests to customer requirements if required.

Electromobility is undergoing rapid technological change. As well as being actively involved with standardization bodies, we offer full consultancy and testing services, helping manufacturers create efficient, economically viable electric vehicles and cars.

With ISO/IEC 17025 laboratory accreditation, lithium battery expertise and over 30 years' experience of the requirements and test methods of vehicle manufacturers, we can meet all your battery testing needs.

As a global safety science leader, UL Solutions helps companies to demonstrate safety, enhance sustainability, strengthen security, deliver quality, manage risk and achieve regulatory compliance.

Explore our business intelligence-building digital tools and databases, search for help, review our business information, or share your concerns and questions.

This large-scale electric vehicle battery laboratory is one of the most advanced in the world and provides comprehensive EV battery testing and advisory services for EV automotive and battery manufacturers as well as top suppliers.

Northbrook, Ill. Nov. 19, 2020 - UL, a leading global safety science organization, announced that it has opened a large-scale electric vehicle (EV) battery laboratory to support the growing EV market. Located in Changzhou, China, the facility is one of the most advanced in the world and provides comprehensive EV battery testing and advisory services for EV automotive and battery manufacturers as well as top suppliers.

With continued growth in the EV sector, demand for electric vehicle battery and charging testing has increased substantially as manufacturers seek a knowledgeable and trusted third-party laboratory to test their improved battery and charging performance and safety.

Addressing these demands, the laboratory helps manufacturers and suppliers better manage battery safety risks and quality, and improve battery performance and functional safety while providing UL's deep industry know-how in energy, safety and cybersecurity.

Tests focus on battery safety, charging systems, grid integration and provide EV and power battery manufacturers with reliability verification, functional safety of battery management systems, as well as V2G charging, power grid integration, repurposing batteries, energy storage system and functional safety services--all within a single lab. Combined, this will empower UL customers with shorter development cycles, a faster time-to-market with ability to be more competitive in the global marketplace and the opportunity to continue to grow and thrive.

With more than a century of expertise in standards development and product safety testing and certification, UL's EV battery laboratory will further expand UL's testing capabilities and strategic scope within the EV industry, and also demonstrates UL's commitment and vision to the EV market to provide professional and holistic service solutions for EV manufacturers.

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