

Battery testing algeria

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.

We are involved in various research projects involving lithium batteries as well as the battery standardization committees DKE, VDA and IEC.

All batteries must pass the UN 38.3 transport test, which is carried out in line with our DIN/EN/ISO/IEC 17025 accreditation. We also offer:

Detailed specifications can also be tested, including:

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.

SGS battery testing services can identify your target market regulations for cells, batteries and modules to ensure compliance with contractual or regulatory requirements.

Developing the highest quality batteries, that are safe and reliable, is a complex challenge in today's competitive global market. We can provide expert testing services for abuse, benchmarking, durability, electrical, electromagnetic compatibility (EMC), environmental, life cycle analysis, performance, safety standards and transportation on cells, batteries and modules.

Expert and experienced, we conduct battery comparison testing against both national and international standards, as well as battery life cycle analysis. With an increasing focus on renewables and energy efficiency, we also carry out testing for renewable energy storage systems and energy efficient battery management.

To make supplier selection easier, we also provide side by side comparison data and continued validation.



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Unmatched project timelines to get your products to the global market on your schedule, not your partner lab's schedule

Contact us for free full report

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