Riyadh battery testing

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Fluke Battery Analyzers are the ideal test tool for maintaining, troubleshooting and performance testing individual stationary batteries and battery banks used in critical battery back-up applications in data centers, telecom networks, power distribution systems and more. With an intuitive user interface, a compact design, and rugged construction the Fluke Battery Analyzers are designed to provide optimum performance, test results and reliability.

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.

Unplanned data center outages present a difficult and costly challenge for organizations. While eliminating downtime altogether is a challenging undertaking, organizations can start with the most frequent cause of unplanned outages - uninterruptible power supply (UPS) battery failure.

In most cases, the ability to keep critical systems running through power outages is dependent on the UPS. Batteries are one of the most "low-tech" components supporting today"s mission-critical data centers but they are the most vulnerable part of an UPS system. A single bad battery cell can cripple a data center"s entire backup system, particularly if adequate UPS redundancy has not been implemented.

Data centers with battery monitoring systems provided by MMR and installed on-site result in a reduced rate of outages. The use of our battery monitoring systems by customers increase the Mean Time Between Failure (MTBF) by more than double when compared to preventive maintenance alone.Our remote monitoring not only lift the burden of monitoring from internal personnel, but in many cases, it also integrates onsite and remote preventative maintenance activities in order to maximize battery availability.

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.

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