



Battery testing ireland

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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.

Naas, County Kildare, Ireland

We are the main service provider in Ireland for Battery Impedance Testing & Specific Gravity Testing. With over 25 years" experience working on Power Systems and Medium & High Voltage equipment, we combine our experience and expertise with the latest in technology from leading manufacturers such as Megger & Anton Paar, to offer you a quality and unrivalled service.

Battery Impedance Testing is ideal for situations where you want to avoid any interruption to operations and the costs associated with these interruptions. Unlike Battery Discharge Testing which is expensive and time-consuming where the entire process can take up to four days, Battery Impedance Testing consists of non-intrusive testing enabling testing of live working battery systems with no interruption to operations. For example, a 200V Battery System (100 x 2V cells) can be tested in approximately 4 hours.

The importance and benefits of Battery Impedance & Specific Gravity Testing are significant. Batteries are



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used to ensure that critical electrical equipment is always on. There are many applications for batteries and these include:

Battery Impedance Testing is an internal ohmic test (resistance in ac terms). With regard to dc battery systems, impedance indicates the condition of batteries without harming or stressing them in any way. Since it tests the condition of the entire electrical path of a battery from terminal plate to terminal plate, impedance can find weaknesses in cells and intercell connectors easily and reliably.

Contact us for free full report

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