Vaduz battery testing

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,?,ISO 12405?IEC 62620OEM?(EIS)??

The controller, specially developed for battery tests, enables tests with the highest dynamics and accuracy while complying with the charge-discharge limits of the device under test.

With the use of a ripple generator, signals with up to 15 kHz can be modulated in order to simulate inverter feedback effects, for example.

A pre-charge regime enables the current-free connection of a battery.

Additional measurement ranges for current and voltage provide more flexibility and accuracy.

The ESYS can also be used as a battery simulator for powertrain applications. Therefore, it contains several electrical battery models (e.g. R, RC).

Key Benefits of ZF TS esys

The expertise includes Performance & Endurance Testing, Environmental Testing and Mechanical & Abuse Testing. All types of batteries can be tested - from cell to module to pack and even stationary racks.

Standards such as UL, IEC, UN, ISO and automotive (e.g. LV124) will also be taken into account during testing.

Besides testing and validation of batteries for R& D applications, ZF can also provide EoL testing solutions for batteries at the end of the production line. These tests serve to validate the correct manufacturing process of the battery pack. Key aspect for EoL solutions are robust systems and fast cycle times.EoL tests include but are not limited to:

Isolation tests, HPPC tests, Leakage tests, Communication tests

Contact us for free full report

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