



Challenges in testing Li-Ion batteries

The accurate testing of battery modules and corresponding packs is crucial for assessing the condition and performance of the battery. It includes measurements of the state of charge, the depth of discharge and much more. Exact tests must also be carried out to assess the performance of the electronic components and systems connected to the battery. Battery tests at the module level usually include charging and discharging tests to ensure that the cell connections are sufficiently strong and thick to handle expected current loads without weakening, failure, or overheating. In addition, it must be checked that the state of the individual cells is balanced, that the voltages are reported correctly and that the temperature sensors function flawlessly. Accutron AG attaches great importance to ensuring that such tests are strictly adhered to by its suppliers. Prevention is better than cure!

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