

Verified and fast health diagnosis of lithium-ion batteries

Fast analysis

You have a lot of batteries and don't know whether they should be reused or recycled? Through the patented testing technology of our exclusive partner Li.plus, you will receive detailed information about your battery's state of health (SOH) as well as its currently available capacity and internal resistance.



Battery Cell Tester (Source: Li.plus GmbH)

For this purpose, the battery system is excited with a special current pulse. The resulting voltage response allows a clear, analytical, highly precise characterization of the system. The measurement is performed non-invasively and within fractions of a second. Regardless of battery type, size and condition, the essential parameters of the electrical equivalent circuit can be quantified without any prior knowledge.

Thus, you can receive exact information about the condition of your batteries and can make a well-founded decision whether, for example, a second life application is worthwhile, or recycling is the more economical alternative. This procedure is particularly suitable for:

- Batteries of unknown condition from the field
- Production rejects
- Batteries that were returned due to the service life of the device or due to the expiry of the lease
- The determination of the residual value of batteries

Within the framework of a pilot project, measurements for initial calibration are first carried out and a database is set up. Here, reference values for the respective batteries will be determined and used to validate the entries in the database.

Verified results

On this basis, we can offer you a verified measurement of your batteries.

To carry out measurements on-site, we equip you with a measuring device, train and accredit your employees for its use.

The measurement results are automatically entered into the database and validated by VDE. Based on this, we issue a digital certificate for the respective battery, which you can use, for example, for resale. It is also possible to make the data available to your end customer.

Use VDE's technical expertise combined with the speed of a start-up with its high-precision measurement methods to diagnose the value of your battery accurately. Get in touch with us:

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In cooperation with:

