



BATTERY ANALYZER

Revolutionize SOH Battery Diagnostics with Battery Analyzer

Developed in Collaboration with Politecnico di Torino



Politecnico
di Torino



Unlock Unmatched Battery Health Assessment: Battery Analyzer sets a new standard in battery diagnostics, providing rapid, precise, and non-destructive testing across various battery types. This advanced technology ensures the highest quality and efficiency in assessing battery health, performance and aging processes of Lithium-ion batteries.

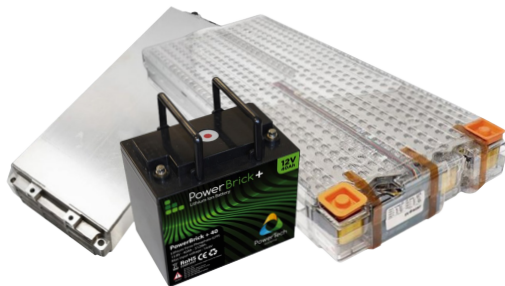
Why Choose the Battery Analyzer?

Differentiating from competitors like Midtronic (CPX-900 and DSS5000), Digitech, and Konnwei, which focus on lead-acid batteries with limited residual capacity information, the Battery Analyzer excels with:

- **Rapid, Non-Destructive Tests:** Assessments completed in minutes without compromising battery integrity.
- **Versatility:** Compatible with various battery types (cylindrical, pouch, prismatic) and chemistries.
- **Precision and Reliability:** Advanced data-driven algorithms ensure precise evaluations of cell and module conditions.
- **Stand-alone capability:** The device does not interact with BMS and can work on accumulators detached from EVs (crucial for salvaging accumulators from wrecked cars).

Strategic Directions

- **Downscaling:** Promising for precise cell-by-cell testing (3-5V, 30-40 Wh), meeting growing EV energy needs.
- **Battery agnostic:** No need to know the cell's chemical composition (NCM, LFP), size and manufacturer.



Applications

1. End-of-Line Quality Check: Thanks to it being a stand-alone device, it can be employed in production lines to Significantly reduce testing times with immediate post- manufacturing assessments, saving space and enhancing production efficiency.

2. Degradation Assessment Post 1st Life Service: Determine cell health for optimal second-life applications, maximizing battery value.



The Battery Analyzer is at the forefront of battery diagnostics innovation, offering unparalleled adaptability, precision, and efficiency across a broad range of energy storage solutions. Embrace the future of battery diagnostics with the Battery Analyzer and redefine your operations with cutting-edge technology.

Contact us:

www.rabotti.it sales@rabotti.it

Follow us:

