AuriPhys

Prognostics and Health Management

Battery Health & Instability Monitor

- **All batteries**
  Uses voltage, current and temperature, measurable on all rechargeable energy systems.

- **Instantaneous**
  Time-based degradation model for instantaneous health monitoring.

- **No cycle count limit**
  Applies continuously throughout the battery's lifetime.

CONTACT US TO LEARN MORE

info@auriphys.com

Know your batteries!

info@auriphys.com

bhim.auriphys.com

Battery Health and Instability Monitor
BHIM

bhim.auriphys.com
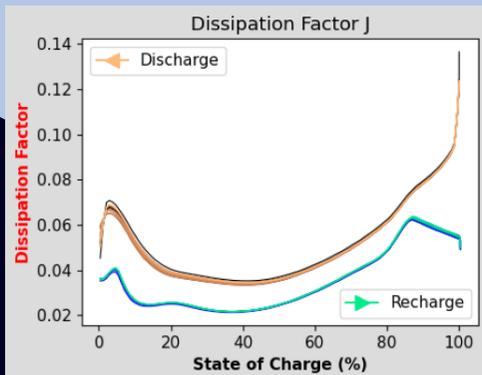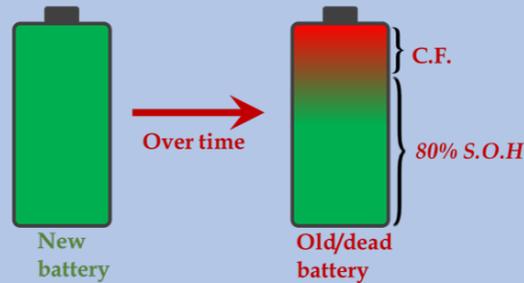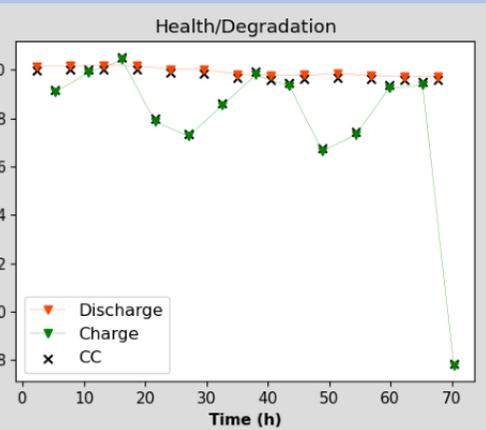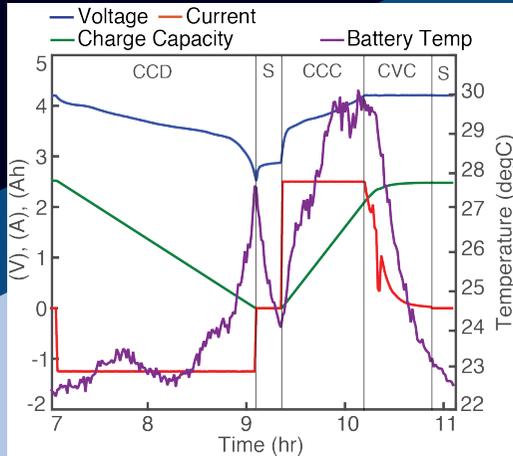
DISCOVER BHIM'S BENEFITS

True state of health

The instantaneous validity of BHIM's characterization provides continuously accurate health measure throughout the battery's life. Minimize degradation via BHIM's elements.

Full analysis

Complete diagnostics and prognostics, for use in performance, reliability, durability and root cause analysis, all without needing temperature correction.

Battery comparison and selection

Use BHIM's precise analysis to easily compare various battery designs and detect manufacturer's defect. Quantify the effects of your battery (e.g., electrode, electrolyte) materials on your battery's performance.

Instability detection/failure prediction

BHIM's physics-based detection of critical phenomena combines with the degradation coefficients to predict battery failure well in advance.

Seamless/non-intrusive integration

BHIM's light algorithm combines easily with existing battery management systems.

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