

# BATTERY TESTING SERVICES

ACCREDITED  
ISO 17025 & ISO 17065



## Why is battery safety testing important?

Battery safety tests deliberately expose batteries to conditions far beyond regular use. Battery safety tests ensure that batteries fulfill the regulatory requirements of the intended market. In doing so, battery safety testing ensures additional peace of mind for manufacturers and users and can deliver significant product competitive advantage.

## LabTest Services

LabTest offers Testing and Certification services to national and international standards for battery cells, packs, modules and components. Below are a few battery testing examples as per UL 1642, UL 2054, CSA/UL 62133-2, CSA/UL 2849 and UN/DOT 38.3:

- Short-Circuit
- Abnormal Charging
- Abusive Overcharge
- Forced Discharge
- Limited Power Source
- Steady Force
- Vibration
- Altitude
- Temperature Cycling
- Crushing of Cells
- Incorrect Installation
- Mold Stress Relief
- Drop Impact
- Enclosure Flammability
- Free Fall

Cells | Packs | Modules | Components

Cost effective and Quick turnaround time

Committed to Safety. Together.



## How can LabTest Certification help?

LabTest has the expertise to **Test** and **Certify** most types of batteries available in the industry for **Ordinary** and **Hazardous Locations**. In addition, we also provide **Preliminary Design Review (PDR)** which is a practical solution to technically assess the product against the applicable standards and identify potential issues that could affect the end results.