



# The UL 2054 Advantage for Battery Packs

*Today's marketplace requires you to have a global presence and you are well on your way with your IEC 62133 evaluation but did you know that certification to UL 2054, Standard for Safety for Household and Commercial Batteries, can assist by providing a more competitive battery pack?*

## Confidence in Reliability

With testing and certification to UL 2054, you can gain insight and confidence that your battery pack should operate safely during normal and fault conditions for the full life cycle of your product. It also allows the use of the UL Mark on your certified product.

## The Value of the UL Mark

UL represents integrity and trust for product safety and quality worldwide, building on its mission of working for a safer world since 1894. UL's 30+ year history with batteries is globally known and the UL Mark is widely accepted as the benchmark in safety.

## Bridging the Gap

UL is offering a way to bridge the gap between IEC 62133 and UL 2054 by performing a pre-assessment program to UL 2054 during a formal IEC 62133 evaluation.

Utilizing the undamaged packs from your IEC 62133 evaluation, UL can run a sampling of UL 2054 tests focused on the ones that are typically compliance concerns and provide you the results on how your packs performed. This will increase confidence in the ability to certify to UL 2054 when pursuing a UL Mark. Also, if you decide to complete a formal UL 2054 pack evaluation, the pre-assessment test results can be included as part of the final test results.

The chart below provides the additional tests in UL 2054 that are part of the pre-assessment services and are not done in IEC 62133. Again, we want to provide you the confidence in the safety, integrity, and reliability of your battery packs.

UL 2054	IEC 62133
Abusive Overcharge Test*	—
Limited Power Source Test**^	—
Surface Temperature Tests	—

\* Involves single component fault per sample tested.

^ Test is required for UL Listing Mark, and optional for UL Recognition Mark

## We're Here to Help

As you move forward with your IEC 62133 certification consider partnering with UL to obtain the UL Mark by testing and certifying your product to UL 2054 as well.

UL is committed to helping our customers win in the marketplace and gain a competitive edge.

Let our expertise and knowledge guide you in gaining the UL Mark on your products. Please contact your UL battery safety engineer or email us at [batteries@ul.com](mailto:batteries@ul.com).

For more information email us at [batteries@ul.com](mailto:batteries@ul.com).