

Apogee Power USA Defeats Thermal Runaway - Announces Passing of the UL 1973 Certification Testing

Taipei, Taiwan; New York, New York; Silicon Valley, California - Apogee Power USA is already known around the world for having safe and powerful lithium-ion battery module products that are certified to the highest safety and engineering standards. Apogee Power is proud to announce another milestone in our commitment to excellence; Apogee Power has passed the UL 1973 certification testing, the American solution to the global thermal runaway problem.

As part of the UL 1973 testing Apogee included a robust quality battery management system (BMS) to guide and govern the operations from top to bottom of the lithium-ion battery modules. The UL 1973 certification is an important step in assuring that Apogee customers continue to receive the very best in lithium-ion battery modules.

"With the independent worldwide certification of our product line by Underwriters Laboratory (UL), a world-renowned scientific auditor, you can be assured that our battery modules are the safest and most powerful in the renewable energy field."

Michael Harper, Chairman and CEO

The UL 1973 Certification testing methodology standard was developed and published in part by The FDNY, The DOE and UL.

The testing establishes an effective quality program for lithium-ion battery modules and packs. Important components of the UL 1973 certification testing include severe shorting of the lithium-ion battery pack to test for thermal runaway, drop testing of the battery module for ruggedness, the power density of the battery module for high level start and stop operation and the battery management system (BMS) for the governance of the battery module. All components of the testing must be passed to obtain the certification.

Apogee's performance over the past 20 years has established that we consistently design and manufacture safe, quality lithium-ion battery module products. This latest scientific accomplishment verifies that the entire product line has no thermal runaway. Thermal runaway causes severe fires and explosions and some of these incidents have been fatal.

About Apogee Power

Over a range of industries and applications, Apogee has applied the concepts of battery energy storage to standard and custom products since 1998. Apogee deals with a wide variety of applications including utilities, solar and storage, commercial, military and home-based energy storage and other applications where it is necessary to protect structures, people, pets and other equipment from the harmful effects of thermal runaway.

Apogee lithium-ion battery products alleviate the fear of thermal runaway events, protecting equipment and personnel.

Offering the first LiFePO₄ UL 1973 certified lithium-ion battery module solutions to each of these markets, Apogee remains the safety leader in the lithium-ion battery energy storage industry.

Info@apogeepower-usa.com

www.apogeepower-usa.com