

SolarTech Power Solutions

Battery cabinet test system production plant



Overview

Why do you need a battery test system for production?

From modules to battery packs, this test system enables comprehensive battery testing in production. The system supports both Conformity of Product (CoP) and Quality Assurance (QA) testing. Why You Need a Battery Test System for Production?

To meet the demands of OEMs and their customers, batteries must combine performance with durability.

Why are EV battery test labs so important?

The proliferation of EV battery cell manufacturing plants and EV battery pack assembly plants is producing a corresponding boom in the construction of battery test labs. These are needed to verify that battery cells, modules, and completed packs all perform safely and provide the durability customers expect.

What type of battery testing chamber is right for You?

The correct type of chamber for potentially hazardous battery testing employs reinforced concrete and a 1-foot-by-1-foot square blowoff port that pops off to relieve pressure inside the cell in case of a fire. “Those are important to have,” said Gaubatz.

Why do batteries need a QA stage?

Their areas of application reveal that batteries need to be highly durable. Day in day out, they are exposed to extreme electrical loads and various environmental factors. One thing always remains top priority: safety. To be able to ensure this, numerous tests are necessary during the battery’s development and QA stage.

Do battery test labs care about chemistry?

The good thing is that battery test labs don't care what chemistry the batteries are so when a company has built sufficient testing capacity, it is able to keep working with other chemistries as they become available.

Does Rivian have a battery test lab?

EV startup Rivian has enjoyed explosive growth, and accordingly, demands on its battery test lab have grown, and optimizing use of the lab's assets is crucial, reported the company's chief product development officer, Nick Kalayjian. Rivian has developed its own scheduling software to maximize testing time.

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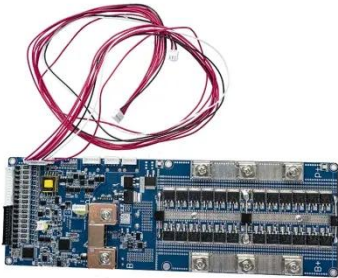
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