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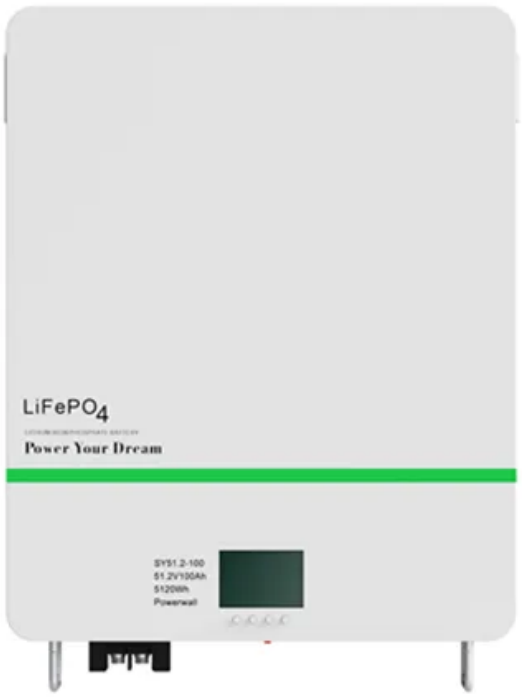
SolarInnovate Energy Solutions

Test the battery cabinet



Overview

How do I know if my battery is working properly?

Green and red LED’s for each battery position to indicate a passed or failed condition. A small alphanumeric display with push buttons for selecting/changing the procedure, starting tests, stopping tests, and clearing completed tests. LED’s next to each alphanumeric display to indicate operating or completed tests.

How does a battery test work?

In repetitive operations, the operator can test a group of cells/batteries by loading them, pushing a single button, then looking at the red and green LED’s on the front of the test cabinet once a test is completed. Each of the system’s interface circuit boards has “battery contactors” for a specific battery model.

How is a test cabinet connected to a PC computer?

The test cabinet, with embedded microprocessors, and PC computer are connected via a 10 Base T LAN communications network. † Other voltage and current ranges are available as options.

What does a 'complete' led mean on a battery test board?

Upon completion of all eight tests on a board, for each battery, a green LED is lit for pass or a red LED is lit for fail and the “complete” LED is lit on the board to notify the operator that the batteries can be removed to allow these positions to be used for further testing.

How do I select a battery type?

Using the push buttons and display, the operator selects the type of battery loaded from a list. The system will only display the battery types which can be mated into the installed “battery contactor”. If no new selection is made, the last selected battery type is assumed and indicated on the display.

How many test positions does a circuit board handle?

Each of these circuit boards handles 8 test positions and incorporates the following: Green and red LED’s for each battery position to indicate a passed or failed condition. A small alphanumeric display with push buttons for selecting/changing the procedure, starting tests, stopping tests, and clearing completed tests.

Test the battery cabinet

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