

## A-Core Container

# Battery cabinet current accuracy



## Overview

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How accurate is battery current measurement?

If you're able to accurately sense the current draw, and the battery is well-characterized, you'll be able to accurately determine the amount of time remaining before your mission-critical system dies. With careful design, you can measure battery current to within 0.2 percent of full scale.

How accurate is battery current gauging?

With careful design, you can measure battery current to within 0.2 percent of full scale. With that information, the most accurate gauging systems, taking battery age, temperature, self-discharge, and discharge-charge cycle history into account, can usually estimate remaining battery life to within 1 percent.

What is the difference between functional testing and battery testing?

This verifies that the battery's characteristic life and reliability parameters to assure they are within the specified range of the defined tolerances. Functional testing verifies that the battery pack is operational prior to shipment to the customer. This assures that each battery cell and battery pack is working properly.

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## Contact Us

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