

## ContainerPower Energy Solutions

# Battery cabinet liquid cooling system design manufacturer



## Overview

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What is a battery management system (BMS)?

BESS employs a sophisticated, multilevel battery management system (BMS) for system monitoring and control. Each battery management system including: At the lower level is the Module BMS (BMU), which is designed to detect voltage, temperature, and execute cell balance functions for cells.

What is a battery module made of?

The external casing is made of metal covered by insulating materials. For example, the top cover is made of PP, the bottom base is made of aluminum. The copper bars and screws are connected internally to prevent short circuit to ensure the electrical safety of the battery module. Each battery module has 8 temperature detectors.

What is a battery management system (BMU)?

Each battery module is equipped with a battery management system (BMU) to form a rack-mountable module assembly. Multiple module assemblies are then connected in series to form a battery rack. Each battery rack contains a rack-level BMS.

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