

# Electric Vehicle Battery Pack

High-capacity battery pack designed for electric vehicles, featuring a modular arrangement of cylindrical cells. The pack incorporates a sophisticated battery management system (BMS) for cell balancing, voltage regulation, and safety monitoring.



## Overview

### High-Performance EV Battery Solution

This high-capacity battery pack is engineered specifically for electric vehicle applications, utilizing a modular arrangement of cylindrical cells to maximize energy density. Its design prioritizes thermal management and safety, featuring a sophisticated battery management system (BMS) for precise cell balancing and voltage regulation. The unit is housed in a robust, impact-resistant casing with integrated cooling channels to ensure reliable, long-lasting performance under demanding conditions.

## Technical Specifications

Cell Configuration	Modular cylindrical cell arrangement
Thermal Management	Integrated cooling channels

## Safety & Control

### BMS Capabilities

- Cell balancing
- Voltage regulation
- Safety monitoring

### Casing Material

Impact-resistant