

## SolarInnovate Energy Solutions

# New energy battery cabinet module assembly



## Overview

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Cell loading & scanning→cell OCV testing→cell/end plate cleaning→gluing or pasting→module stacking→module banding→heating and standing→dielectric voltage withstand test→post terminal addressing→CCS installation→busbar welding→post-weld dust removal→post-weld detection→EOL testing→MES system

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### EV Battery Pack Assembly Methods & Design Optimization

Aug 1, 2025 · Battery pack design to improve energy density, reduce space loss, enhance safety against thermal events, and enable direct battery cell mounting without intermediate modules.

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### Innovative Applications and Advantage Analysis of Prismatic Battery

Jul 29, 2024 · Prismatic battery modules have the features of efficient integration and modular design, optimized heat dissipation performance, and enhanced safety performance in energy ...



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