

# Air-cooled 100KWh Outdoor Cabinet Series C&I Energy Storage System

Model: HJ-ESS-100A    Power: 50KW/100KWh

## Summary

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Highjoule's Commercial and Industrial Energy Storage System adopts an integrated design concept, integrating batteries, battery management system BMS, energy management system EMS, modular inverter PCS, and fire protection system into one cabinet.



*Air-cooled 100KWh Outdoor Cabinet Series C&I Energy Storage System (HJ-ESS-100A)*

## Product Features

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Quick power response

Supporting multiple modes such as virtual power plants, grid-connected, off-grid and other modes

Standardized interfaces

Allow for multiple machines to be connected in parallel, making it easy to expand and ensuring batch manufacturing processes

Local collection

Intelligent monitoring, remote operation and maintenance

All-in-one design

All-in-one design greatly reduces transportation, field installation time and cost

## Technical Parameters

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### AC/DC Parameters

**HJ-ESS-100A□50KW/100KWh□**  
**DC Parameters**

**Battery Type**                      **Lithium Iron Phosphate**

**Cell Capacity**                      **3.2V/280Ah**

**System Battery Configuration**                      **1P112S**

#### AC Parameters

**AC Side Rated Power**                      **50KW**

**AC Side Maximum Power**                      **55KW**

**Cable Total Harmonic Distortion Rate**

### Application

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Peak Load Shifting: Discharge during peak electricity demand to reduce expensive electricity bills.

### Contact Us

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