



# JLCI-HVC4

## Commercial ESS Solution



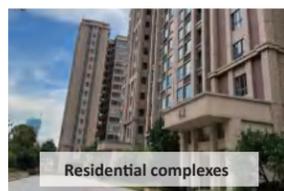
### Available Customization Options

Safety&Reliability

Convenience

Flexibility

### Application Scenarios



### Product Details



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**●Safety & Reliability:**

- Air conditioner in cabinet, fans & fire extinguishing device in battery module for multiple protection.
- Three-layer architecture built in BMU+RBMS+SBMS.
- LiFePO4 battery with higher safety & longer lifetime.

**●Convenience:**

- Standard 19 inch rack design for easy installation and maintenance.
- Touchable screen design for choosing different communication protocol.
- Supporting USB upgrade software.

**●Flexibility:**

- Standard modular design with 5.12kWh per battery modules.
- Flexible capacity & power scalability with up to 8 clusters in parallel.
- Flexible design from 4~14 battery modules in series.

Item	Specification	
Module Energy	5.12 kWh	
Module Nominal Voltage	51.2V	
Module Capacity	100Ah	100Ah
Battery Module Qty in Series	12	14
System Nominal Voltage (V)	614.4V	716.8V
Charge Voltage (V)	662.4V-672V	772.8V-806.4V
Cut-Off Discharge Voltage (V)	537.6V	627.2V
Float Charge Voltage (V)	652.8V	761.6V
System Energy	61.44kWh	71.68kWh
Recommend Depth of Discharge	80%	80%
Storage Temperature	0-45°C	0-45°C
Communication Port	CAN/RS485	CAN/RS485
Status Indicator	RUN-Green Light/Alarm-Red Light	
IP Rating of Enclosure	IP20	
Dimension (W/D/H,mm)	1000*600*1600	
Installation Location	Rack/Cabinet, Indoor	
Cycle Life	4000 cycles at 0.5C/0.5C, 25°C	
Warranty	5 years	
Certification	IEC62619, UN38.3, MSDS	