



JLCI-HVC1

Commercial ESS Solution



Available Customization Options



Safety&Reliability



Convenience



Flaxibility

- **Safety & Reliability:**
 - LiFePO4 battery with higher safety & longer lifetime.
 - N+1 redundant design.
- **Simple & Friendly:**
 - Easy installation, pre-installed before delivery.
 - Backup time with 2-5 hours.
- **Cost-Effective & High Efficiency:**
 - 100% DOD, improve return on investment.

Product Details



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Item	Specification
Battery Parameters	
Cell Chemistry	LiFePO4
Module Energy	10.24 kWh
Module Nominal Voltage	51.2V
Module Capacity	200Ah
Battery Module Qty	10
System Energy	102.4kWh
System Nominal Voltage	512V
Operating Voltage Range	448V-576V
Charge/Discharge Efficiency	Max. 0.5C
Dimension (WDH)	120010002150mm
Weight	1430KG
Operating Temperature Range	-25°C ~ +50°C
Cooling Method	Air Conditioner
Inverter Parameters DC-PV	
Max. PV Voltage	1000V
MPPT Range/Nominal	180V-1000V
Max. Input Current/String	36A*2
Qty. of MPPT	4
Max. Input Power/String	50kW
AC-On-Grid	
Rated AC Output Power	50kW
Max. AC Output Power	50kVA
Max. AC Current	75A
Rated AC Voltage	400V 3L/N/PE
Rated Grid Frequency/Range	50/60Hz ± 5Hz
AC Current Harmonics	< 3% (100% LOAD)
AC-Off-Grid	
Rated AC Voltage	400V 3L/N/PE
Rated Grid Frequency/Range	50/60Hz
Rated AC Output Power	50kW
Max. AC Charge/Discharge Current	75A
Switch Time	≤10ms