

JLCI-HVC5 (JLT-ESS-01)

Commercial ESS Solution



Available Customization Options



Safety & Reliability



Convenience



Flexibility

Application Scenarios



High powered industry



Residential complexes



Commercial centers



large-scale group

Product Details



Commercial ESS Solution

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Product Details

- 100kW peak power for demanding commercial and industrial applications.
- 215kWh capacity for long-lasting energy supply.
- Advanced BMS for enhanced performance and battery life.
- Rapid charge/discharge cycles for optimal efficiency.
- Modular design for flexible capacity expansion.
- Reliable cooling and robust construction for stable operation.
- Remote monitoring and management for ease of use.
- Supports renewable energy and reduces carbon footprint.

Item	Specification
Rated Battery Capacity	215kWh
Nominal Voltage	AC 400V
Charge & Discharge Rate	≤0.5CP
Cooling Method	Intelligent air cooling
Auxiliary electrical parameters	50Hz/60Hz
Fire protection system	Stype aerosol
Anti-corrosion level	C3
IP Rating	IP54
Operating temperature range	-20 ~ 50°C
Storage temperature	-20 ~ 55°C
Operating humidity range	0 ~ 95% RH
Operating Condition	Maximum 2 charges & 2 discharges per day
System communication interface	Ethernet/RS485/CAN
External communication protocol	Modbus TCP/IEC61850/Modbus RTU
Altitude	Within 3000m
Dimension (DWH, mm)	1740*1100*2330
Weight (kg)	≤2400
Certification	CE / EN IEC 6100 / UN38.3
Installation method	Outdoor

Electrical Primary Diagram

