

16.08kWh LOW VOLTAGE GROUND CASTER ENERGY STORAGE BATTERY

YJC-LV16

Maximum Number of Combinations / Total Capacity:×15(241.2kWh)

- x15

241.2kWh

MASSIVE ENERGY, FLEXIBLE EXPANSION
16 kWh per unit, scalable up to 241.2 kWh by paralleling up to 15 units for larger power needs.
- Hand icon

COMPACT & MOBILE DESIGN
Rugged wheeled cabinet for easy relocation – no heavy lifting, no complex installation.
- 8000+ cycles

LiFePO₄

BUILT FOR SAFETY & LONGEVITY
Grade-A LiFePO₄ cells with 8000+ cycles, offering high thermal stability – no fire, no explosion.
- 200A BMS

SMART PROTECTION, WORRY-FREE OPERATION
200 A intelligent BMS with dual fuses and a circuit breaker for real-time protection.
- IP65

ALL-WEATHER RELIABILITY
IP65-rated enclosure and -20 °C to 60 °C operating range for dependable indoor and outdoor use.
- House icon

WIDE APPLICATION VERSATILITY
Ideal for shops, factories, schools, clinics, and off-grid homes – clean, silent energy anytime.
- Wi-Fi icon

SMART COMMUNICATION PORTS
Equipped with dual RS485 ports, it supports seamless communication with both inverters and additional battery packs. Make it a smart parts of the whole energy storage system.
- Fire icon

ADVANCED FIRE SAFETY DEFENSE
Integrated temperature monitoring and fire suppression design effectively curb thermal runaway risks.



Model	YJC-LV16
Pictures	
Battery Type	LiFePO4
Nominal Battery Energy	16.08kWh
Nominal Capacity	314Ah
Nomianl Voltage	51.2V
Charging Cut-off voltage	58.4V
Discharging End-off voltage	40V
Recommended Charge / Discharge Current	157A/157A
Max.Power Charge / Discharge Current	200A/200A
Weight	121kg
Max.Dimension	460*238*822mm(Including casters)
Charging Temp.Range	0~50°C
Discharging Temp.Range	-20~60°C
Communication	CAN / RS485
Compatible Inverters	Deye/Growatt/Victron/SE/LuxPower/SRD/SMA/GoodWe/Sofar/Solis/SENERGYINV/MUST/AFORE/Voltronic/SOLAR/Sunways
Cell cycle Life	≥8000 Cycles
IP level	IP65
Certification	UN38.3
Version	ULTRA