

16.08kWh LOW-VOLTAGE GROUND CASTER ENERGY STORAGE BATTERY

YJC-HES-L-R-51.2V314Ah-SE

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.
- 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.
- 160A

BMS

SMART PROTECTION, WORRY-FREE OPERATION
160 A intelligent BMS with dual fuses and a circuit breaker for real-time protection.
- WIDE APPLICATION VERSATILITY**
Ideal for shops, factories, schools, clinics, and off-grid homes – clean, silent energy anytime.
- WI-FI

WI-FI REMOTE MONITORING & CONTROL
Real-time battery status, SOC, and power usage via Wi-Fi, with remote firmware updates and alerts at your fingertips.



YJC POWER

ModelYJC-HES-L-R-51.2V314Ah-SE

Pictures



Battery Type	LiFePO ₄
Nominal Battery Energy	16.08kWh
Nominal Capacity	314Ah
Nominal 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	157A/157A
Weight	116.2±2kg
Max.Dimension[W*H*H]	417x826x233mm(±3mm)
Charging Temp.Range	0~50℃
Discharging Temp.Range	-20~60℃
Communication	CAN / RS485 / WIFI
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	IP20
Certification & Safety Standard	UN38.3