

16KWH LIFEPO₄ ENERGY STORAGE SYSTEM

YJC-HES-L-S-51314

- x15

240kWh

MASSIVE ENERGY, FLEXIBLE EXPANSION
16 kWh per unit, scalable up to 240 kWh by paralleling up to 15 units for larger power needs.
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COMPACT & MOBILE DESIGN
Rugged wheeled cabinet for easy relocation – no heavy lifting, no complex installation.
- 6000+

cycles

LiFePO₄

BUILT FOR SAFETY & LONGEVITY
Grade-A LiFePO₄ cells with 6000+ cycles, offering high thermal stability – no fire, no explosion.
- 150A

BMS

SMART PROTECTION, WORRY-FREE OPERATION
150 A intelligent BMS with dual fuses and a circuit breaker for real-time protection.
- IP54

ALL-WEATHER RELIABILITY
IP54-rated enclosure and -20 °C to 60 °C operating range for dependable indoor and outdoor use.
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WIDE APPLICATION VERSATILITY
Ideal for shops, factories, schools, clinics, and off-grid homes – clean, silent energy anytime.



Model	YJC-HES-L-S-51314
Battery Type	LiFePO ₄
Nominal Battery Energy	14.34kWh/16.08 kWh
Nominal Capacity	280Ah/314Ah
Nominal Voltage	51.2 V
Charge Cut-off Voltage	58.4 V
Discharge Cut-off Voltage	40 V
Recommended Charge/Discharge Current	140 A / 167 A
Max.Power Charge / Discharge Current	300 A/300 A(500ms)
Weight	130 kg
Dimensions (W × D × H)	413 × 233 × 826 mm (including wheels)
Charge Temperature Range	0 ~ 50 °C
Discharge Temperature Range	-20 ~ 60 °C
Communication Interfaces	CAN / RS485
Compatible Inverters	SolaX/Deye/Growatt/Victron/SE/LuxPower/SRD/SMA/GoodWe/Sofar/Solis/SENERGYINV/MUST/AFORE/Voltronic/SOLAR/Sunways
Cycle Life	≥ 6000 cycles
IP Rating	IP54
Certification & Safety Standard	/