

32.15kWh LOW-PRESSURE GROUND CASTER ENERGY STORAGE BATTERY

YJC-HES-L-R-32.15kWh

Maximum Number of Combinations / Total Capacity: ×16(514.45kWh)



LARGE-CAPACITY STORAGE

51.2 V / 628 Ah gives ~32.15 kWh usable energy – ideal for extended backup, self-consumption, or micro-grid.



LONG LIFESPAN

Rated for ≥ 8,000 cycles at 80% DoD, significantly reducing replacement costs and maximizing ROI.



POWERFUL CONTINUOUS OUTPUT

300 A continuous (≈15.36 kW) supports high household loads and strong discharge demands.



INDUSTRIAL-GRADE PROTECTION

IP65-rated enclosure offers dustproof and splashproof protection – safe for semi-outdoor / sheltered outdoor installation.



ADVANCED BMS SAFETY

Built-in management system with cell balancing, over/under voltage, current, and temperature protections.



EASY INTEGRATION

CAN / RS485 communications + compatibility with most well-known inverters.



Model	YJC-HES-L-R-32kWh
Battery Type	LiFePO4
Nominal Battery Energy	32.15kWh
Nominal Capacity	628Ah
Nominal Voltage	51.2V
Charging Cut-off voltage	58.4V
Discharging End-off voltage	40V
Recommended Charge / Discharge Current	300A/300A
Max.Power Charge / Discharge Current	300A/300A
Weight	≈220kg
Dimension[W*D*H]	1000x245x730mm(Excluding wheels)
Charging Temp.Range	0~50°C
Discharging Temp.Range	-20~60°C
Communication Interfaces	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 Rating	IP65
Certification & Safety Standard	CE-EMC/IEC62619/UN38.3