

# 16.08kWh LOW-PRESSURE GROUND CASTER ENERGY STORAGE BATTERY

## YJC-HES-L-S-16.08kWh-PLUS

Maximum Number of Combinations / Total Capacity:×15(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.



**BUILT FOR SAFETY & LONGEVITY**

Grade-A LiFePO<sub>4</sub> cells with 8000+ cycles, offering high thermal stability – no fire, no explosion.



**SMART PROTECTION, WORRY-FREE OPERATION**

150 A intelligent BMS with dual fuses and a circuit breaker for real-time protection.



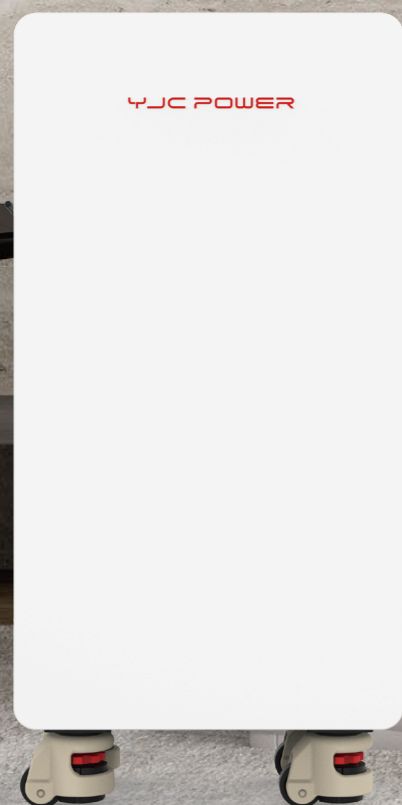
**ALL-WEATHER RELIABILITY**

IP65-rated enclosure and -20 °C to 60 °C operating range for dependable indoor and outdoor use.



**WIDE APPLICATION VERSATILITY**

Ideal for shops, factories, schools, clinics, and off-grid homes – clean, silent energy anytime.



Model	YJC-HES-L-S-16.08kWh-PLUS	
Pictures		
Battery Type	LiFePO <sub>4</sub>	
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	200A/200A	
Weight	120kg	
Max.Dimension[W*H*H]	435x233x800mm(Including wheels) / 435x233x882mm (excluding 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 & Safety Standard	UN38.3	