

241kWh HIGH VOLTAGE RACK-MOUNTED ENERGY STORAGE BATTERY

YJC-HES-H-S-241kWh

4units 64.3kWh	5units 80.3kWh	6units 96.4kWh	7units 112.5kWh	8units 128.5kWh	9units 144.63kWh
10units 160.7kWh	11units 176.77kWh	12units 192.8kWh	13units 208.9kWh	14units 224.98kWh	15units 241kWh



MODULAR 16 KWH STACK ARCHITECTURE

Capacity built from field-replaceable 16 kWh modules (flexible 4-15 module stacks) for precise sizing and fast onsite service – e.g. a 241.05 kWh cabinet is assembled from fifteen 16 kWh modules.



HIGH-VOLTAGE DESIGN FOR LOWER LOSSES

High-voltage topology cuts current and I^2R losses, enabling slimmer cabling, higher round-trip efficiency and a more compact power train.



MATCHED HYBRID INVERTER POWER (30/40/50 KW)

Purpose-matched 3-phase hybrid inverters deliver smooth grid-tie and backup operation, fast charge/discharge switching and support for multi-unit parallel operation.



PRE-WIRED, STACKABLE CABINET – QUICK DEPLOY

Pre-engineered, stackable racks and pre-wiring reduce installation and commissioning time – lower labour and site cost for C&I deployments.



INTELLIGENT BMS ORCHESTRATION

Integrated BMS enables peak-shaving, valley-filling, capacity management and dynamic coordination across stacked units for optimized self-consumption and bill reduction.



Model	YJC-HES-H -S-64.3kWh	YJC-HES-H -S-80.3kWh	YJC-HES-H -S-96.4kWh	YJC-HES-H -S-112.5kWh
Battery Type	LiFePO ₄			
System Configuration	Stacked by 16 kWh battery modules (4 / 5 / 6 / 7 units)			
Nominal Energy	64.3 kWh	80.3 kWh	96.4 kWh	112.5 kWh
Nominal Capacity	Nominal Capacity 314 Ah			
Nominal Voltage	204.8 V	256 V	307.2 V	358.4 V
Recommended Charge/Discharge Current	157 A / 157 A			
Maximum Continuous Charge/Discharge Current	157 A / 157 A			
Peak Charge/Discharge Current	157 A / 157 A			
Cell Cycle Life	≥ 8000 cycles			
Calendar Life	10 years (designed service life, typical conditions)			
Dimensions (W×H×D)	1180mm×850mm×1140mm			
Mass	840kg	960kg	1080kg	1200kg
Ingress Protection Rating	IP20			
Charge Temperature Range	0 ~ 50 °C			
Discharge Temperature Range	-20 ~ 60 °C			
Installation Type	Indoor stacked cabinet system			
Compatible Inverters	Deye/SOLAX/Solis (30-50kW / 60-80kW / 80-125kW)			
Certification & Safety Standard	CE-EMC/IEC62619/UN38.3			

Model	YJC-HES-HV -S-128.5kWh	YJC-HES-HV -S-160.7kWh	YJC-HES-HV -S-192.8kWh	YJC-HES-HV -S-241.05kWh
Battery Type	LiFePO ₄			
System Configuration	Stacked by 16 kWh battery modules (8 / 10 / 12 / 15 units)			
Nominal Energy	128.56kWh	160.7kWh	192.8kWh	241kWh
Nominal Capacity	Nominal Capacity 314 Ah			
Nominal Voltage	409.6 V	512 V	614.4 V	768 V
Recommended Charge/Discharge Current	157 A / 157 A			
Maximum Continuous Charge/Discharge Current	157 A / 157 A			
Peak Charge/Discharge Current	157 A / 157 A			
Cell Cycle Life	≥ 8000 cycles			
Calendar Life	10 years (designed service life, typical conditions)			
Dimensions (W×H×D)	(1180mm×850mm×1140mm)×2			
Mass	1657kg	1897kg	2137kg	2497kg
Ingress Protection Rating	IP20			
Charge Temperature Range	0 ~ 50 °C			
Discharge Temperature Range	-20 ~ 60 °C			
Installation Type	Indoor stacked cabinet system			
Compatible Inverters	Deye/SOLAX/Solis (30-50kW / 60-80kW / 80-125kW)			
Certification & Safety Standard	CE-EMC/IEC62619/UN38.3			