

YJC-EES-H-A-125kW/233kWh / YJC-EES-H-A-125kW/261kWh

SMART ENERGY STORAGE  
LIQUID COOLING  
INTEGRATED CABINET

125kW/233kWh~261kWh

SAFETY AND STABILITY

Equipped with a three – level fire protection system to achieve all – round protection of the system.  
With a precision liquid – cooling temperature control design,  
long – term stability is realized. The temperature difference among different battery  
cells is less than 3°C through battery balancing management, which extends the battery life.

FLEXIBILITY AND EFFICIENCY

The AC and DC can be independently designed for flexible configuration.  
Without parallel circulating current, the energy loss is significantly reduced.  
The single – unit weight is small and it is easy to install.

INTELLIGENT COLLABORATION

Different intelligent switching strategies for different scenarios:  
peak shaving and valley filling, capacity management,  
dynamic capacity increase, and new energy consumption.  
The planned curve responds to local and cloud monitoring linkage,  
digital rapid diagnosis, intelligent automatic inspection, 3s coordination,  
EMS closed – loop safety logic to ensure the system safety.



Product model	YJC-EES-H-A-125kW/233kWh	YJC-EES-H-A-125kW/261kWh
GRID-CONNECTED AC PARAMETERS		
Rated power	125kW	
Maximum output power	137.5kW	
Rated grid voltage	380Vac	
Allowable grid voltage	340-460Vac	
Rated grid frequency	50Hz	
power factor	-1 (Advanced) ~ 1 (Lagged)	
THDI	<3% (rated output power)	
Access method	three-phase four-wire	
OFF-GRID COMMUNICATION PARAMETERS		
Rated output voltage	380Vac	
Rated output power	125kW	
Rated output frequency	50Hz	
THDU	<3%(linear load)	
Overload capacity	1.1 - fold long - term (45°C), 1.2 - fold for 1 minute	
BATTERY PARAMETERS		
Battery system capacity	233kwh	261kwh
Battery cell type	LFP 3.2V/280Ah	LFP 3.2V/314Ah
Battery system configuration	1P260S	
Rated Voltage	DC832V	
Battery voltage range	650V-949V	
SYSTEM EFFICIENCY		
Maximum efficiency of converter	≥98.5%	
Maximum system efficiency	≥88%	
Charging and discharging rate	≤0.5C	
PROTECTION		
DC input	YES	
Converter AC protection	YES	
Communication output protection	YES	
Overvoltage protection	DC Type II/ACTypell	
Fire protection system	Perfluorohexane + water fire fighting interface	
CONVENTIONAL PARAMETERS		
Dimensions (W"D*H)	1100*1390*2380mm	1100*1390*2380mm
Weight	2650KG	2700KG
Incoming call method	In and out	
Environmental temperature	-20°C~60°C	
Environmental humidity	≤95%	
Working altitude	≤3000m (derating for above 3000m)	
IP level	IP55	
Anti-corrosion	C3&C5	
Cooling method	Liquid cooling	
COMMUNICATION		
Means of communication	RS485/CAN/Ethernet	
Certification & Safety Standard	UL1973/CE/IEC62619/UN38.3	