Liquid-cooling Pack Solutions



High Security

Battery circuit safety management, fast fuse protection.
A multi-level battery protection system ensuring impeccable safety.
Intelligent anti-leakage detection,enhancing system safety.

Long Lifespan

Intelligent liquid cooling ensures higher efficiency and longer battery cycle life.
Modular design with parallel support for easy system expansion.

High Integration

Highly integrated, easy to transport and operation & maintenance friendly.
Fully pre-assembled, eliminating the need for on-site battery module installation.
On-site installation within 8 hours.

Intelligent

Real-time status monitoring and fault recording to achieve fault warning and fault location.
Built-in battery performance monitoring and recording function.

Model	AF215000W-HA5	AF233000W-HA6	AF241000W-HA7	AF261000W-HA8
AC Side				
AC Rated Power	100kW	125kW	125kW	125kW
Allowable Grid Voltage Range	400V (-15%~10%)			
Allowable Grid Frequency Range	50/60Hz±2.5Hz			
Rated Current	145A	180A	180A	180A
Max. PCS Efficiency	98%			
Way of Connection	3P+N+PE			
Battery Side				
Cell Specification	LFP 3.2V/280Ah	LFP 3.2V/280Ah	LFP 3.2V/314Ah	LFP 3.2V/314Ah
Battery RACK Configuration	1P240S	1P260S	1P240S	1P260S
System Capacity	215kWh @ 25°C, 0.5P	233kWh @ 25°C, 0.5P	241kWh @ 25°C, 0.5P	261kWh @ 25°C, 0.5P
Voltage Range	648~864V	702~936V	648~864V	702~936V
System				
Charge/discharge Ratio	≤0.5P			
Display	Touch screen display (optional)			
Dimension(W*D*H)	1000*1350*2391mm (Incl. lifting lug), 1000*1350*2300mm (Excl. liftinglug)			
Weight	2400kg	2600kg	2450kg	2650kg
Noise	<75dB			
IP rating	IP54（Pack：IP67）			
System Efficiency	>88%			
Cooling method	Liquid cooling			
Environmental Temperature	-30~55 ℃			
Humidity	≤95%			
Maximum working altitude	2000m			
Fire safety configuration	Aerosol			
Communication Interface	Ethernet/CAN/RS485			
Communication Protocol	MODBUS-TCP			
Compliant with standards	GB/T 34120，GB/T 36276，IEC62477，IEC62619，IEC63056			

This product sheet is as comprehensive and detailed as possible based on existing information.
The company reserves the right to modify data, parameters and other information.