



Midea Industrial Tech.



# Aqua-C3.0H-6250-3125-2h

# Aqua-C3.0H-6250-1560-4h

## Low Costs

Back-to-back and side-by-side design reduces footprint.

All pre-assembled, no battery module handling on site.

## Effective and Flexible

Modular design reduces failure impacts and improves system uptime.

Active balancing technology and bionic inspired solutions enhance battery lifespan and system discharge capacity.

## Ultimate Security

Intelligent management of battery health, early warning of faulty batteries.

Active ventilation and explosion venting design to control deflagration risks.

IEEE 693 high design level qualification compliance.

## Intelligent O&M

Active balancing reduces energy storage station O&M costs

Rapid state detection and fault recording to achieve rapid positioning and analysis of system faults

Type Designation	
<b>DC-side Parameters</b>	
Nominal Capacity	6250kWh
Nominal Power	3125kW@0.5CP 1562.5kW@0.25CP
Battery Voltage Range	1095–1497V
Nominal Battery Voltage	1331.2V
Cell Type	LFP 3.2V /587Ah
System Configuration	1P416S*8
<b>System Parameters</b>	
Auxiliary Power Supply	400VAC, 50/60Hz
SOC Calculation Accuracy	≤ 3% (After Balancing)
Operation Ambient Temperature Range	-30°Cto 50°C, -35°Cto 55°C(optional)
Relative Humidity	≤100%RH(non-condensing)
Max. Working Altitude	2000m 3000m(optional)
Protection Grade	IP55
Temperature Control Method	Intelligentliquid cooling
Noise	≤85dB (A), standard version ≤75dB (A), silencer assembly (optional)
Weight	≤49000kg
Corrosion-proof Grade	C4 C5 (optional)
Seismic Level	IEEE 693 Moderate design level qualification IEEE 693 High design level qualification (optional)
Snow load	30lb /sqft
Wind load	129mph
Dimensions (W*D*H)	6058*2438*2896mm
Fire Suppression System	Smoke and heat detectors, FACP, ventilation system, dry pipes with sprinklers, aerosol
Communication Interface	Ethernet
Standard	IEC62933-5-2,EN 62477-1, IEC61000, IEC62619, IEC 63056, UN38.3/UN3536,CE
Transportation	Fully populated with battery packs