

Totally **2GWh** C&I Energy Storage Shipped Worldwide



Liquid cooling for Utility application APstorage 2000L



All-in-One Design

Highly integrated 3S system, cooling system, and fire protection system, enabling easy transportation, simple commissioning



Ultimate Safety

Cell to system level fire protection (Aerosol + explosion ventilation system), prevent heat dilution and runaway.



String-Level Management

Each battery cluster is independently managed, enhancing system reliability and stability



Standard 20ft Container

Pre-assembled containerized units reduce on-site assembly time by 40%, minimizing crane usage and skilled labor requirements.



Sinovoltaics PV Inverter Manufacturer by Financial Health

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TECHNICAL PARAMETERS

APstorage 2000L



AC Parameters

Rated Power	1000kW	1125kW	1300kW
Rated Output Voltage	400 V		
Rated Grid Frequency	50 Hz/60 Hz		

DC Parameters

Battery Cell Type	LFP-314Ah		
Battery Module	1P52S/52.25 kWh		
Electrical Configuration	8P260S	9P260S	10P260S
Nominal Capacity	2090 kWh	2351 kWh	2612 kWh
Usable Capacity	1881 kWh	2116 kWh	2350 kWh
Charge/Discharge Rate	≤ 0.5 C		
Cycle Life	8000cycles, @25°C, 80% DOD, 70%SOH EOL		

General Parameters

Operating Mode	Peak Shaving and Valley Filling, Demand Control, Reactive Power Regulation
Thermal Management	Liquid-cooled
Fire Protection System	Aerosol
IP Rating	Aerosol + explosion ventilation system and water fire protection (Water immerse Optional)
Operating Temperature	-20°C to 55°C (> 45°C derating)
Operating Humidity	0-95%, no-condensation
Operating Altitude	≤ 3,000m
Dimensions (W x D x H)	6,058 mm x 2,438 mm x 2,591mm
Weight	≈ 30T

Communication

Communication Interface	Ethernet/4G
Communication Protocol	MODBUS-TCP, MQTT, IEC61850

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