



Outdoor Cabinet Energy Storage System

100kW/225kWh Air Cooled Type

COMPACT DESIGN

Small footprint design reduces cabinet space requirements and improves installation flexibility

FLEXIBLE INSTALLATION

Easy to install and adaptable to various mounting orientations and site conditions

WIDE COMPATIBILITY

Highly compatible with mainstream inverters and power supply systems for seamless integration

LONG CYCLE LIFE

Engineered for long service life, supporting applications such as peak shaving, energy trading, and backup power

AUTOMOTIVE-GRADE CELLS

Built with automotive-grade cells to ensure enhanced reliability, safety, and extended lifespan

SCALABLE EXPANSION

Supports multi-cabinet parallel connection, enabling flexible and efficient system capacity expansion



Compatible with mainstream inverters: 100kW Deye/Growatt/Solis



PRODUCT PARAMETERS

Model	Hbowa-100kW/225kWh
General Parameter	
Product	225kWh
Nominal Voltage	716.8V
Nominal Capacity	314AH
Cabinet Size(mm)	1290*1080*2260mm
Weight(kg)	2260KG
Charge/discharge power MAX	140A
Cooling method	Air-cooled
Protection class	IP55
Type of firefighting	Aerosol
Battery Parameter	
Battery Types	51.2V-314AH*14
Nominal Capacity (KWh)	225KWh
Recommend Charge/Discharge Current (A)	100
Max. Charge/Discharge Current(A)	140
Communicaiton	RS485/CAN
Working Temperature	10°C~50°C
Transport or Storage Temperature Range	-20°C~60°C
Certification	CE/IEC/UL/UN38.3/MSDS
Design Life	10years+
Cycle Life	(0.5C/0.5C-80% D0D)>6000 times
Cooling method	Air-cooled
Certification	UN38.3/MSDS/ROHS
Inverter Parameter	
Rated power	100kW/125KW (Deye/Solis/Growatt/Other)
Type	Three Phase High Voltage Hybrid
Rated AC Voltage	400V
Rated frequency	50/60Hz
Overloaded	110%
Communicaiton	Ethernet/Modbus/TCP/IP
Power Factor Adjustment Range	0.8 leading to 0.8 lagging

※The manual is for reference only and is subject to actual communication.