

HBOWA BESS Products for Commercial & Industrial

◆ AC Liquid-Cooled Outdoor Energy Storage Cabinet



High Safety

- Tier-1 brand high-safety battery cells, fully certified
- IP55 protection rating with multiple safety layers
- Battery pack compliant with China's GB/T 36276 certification
- Effectively prevents thermal runaway propagation between cells
- No circulating current within a single cluster; no short-circuit between clusters



High Efficiency

- High-efficiency cells with energy conversion efficiency >96%
- Single discharge exceeds 250kWh; two charge-discharge cycles reach 500kWh



Long Lifespan

- Equipped with branded long-life cycle cells, up to 12,000 cycles
- Temperature deviation <1.6°C, enhancing cycle life by 30%
- Designed lifespan of 15 years under standard working conditions
- Intelligent liquid cooling system: long lifespan, lower cost, smaller footprint



On/Off-Grid Ready

- Supports both grid-tied and off-grid parallel operation with anti-backflow function
- Scalable parallel expansion supported at any time



Easy Configuration

- Machines can be paralleled flexibly as needed
- Integrated transport solution for easy installation
- Flexible site installation and layout
- Modular design for easy maintenance and upgrades

100KW | 215kWh

125KW | 260kWh



Product Type	Hbowa-C&I-215	Hbowa-C&I-260
Rated Energy	215kwh@0.5C	260kwh@0.5C
Rated Power	100 kw	125 kw
Rated Output Voltage	400 Vac	400 Vac
Cell Capacity	280 Ah	314 Ah
Cell Type	LFP	LFP
Configuration	1P 240S	1P 260S
Rated Discharge Current	145 A	182 A
Rated Charging Current	145 A	182 A
Charging Temperature	0~50°C	0~50°C
Discharging Temperature	-20~55°C	-20~55°C
Communication Port	LAN、485	LAN、485
Cooling Method	Intelligent Liquid Cooling	Intelligent Liquid Cooling
Protection Level	IP54	IP54
Functional Safety	class B	class B
Product Weight	≈2280 Kg	≈2450 Kg
Dimensions	W1175xD1300xH2310 mm	W1175xD1300xH2310 mm
Applications	Utility-scale, C&I	Utility-scale, C&I

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