

Low-Voltage Battery Pack

PRODUCT FEATURES



Easy to mount and parallel expansion supported

- 2-4 sets of battery pack expansion supported
- Maximum capacity up to 64 kWh



Multi-mounting scenarios supported

- Floor-mounting or wall-mounting supported
- IP65 protection level, no fear of wind and rain
- Optional heating film, low temperature normal operation



High security

- BMS has a variety of functional protections to ensure system security
- Power output double protection design, the product is safe and reliable
- Built-in aerosol fire unit as standard, peace of mind
- High charge and discharge ratio, 5kWh and 11kWh nearly to 1C, 16kWh up to 0.6C



Reliability

- It can be connected to an external active equalization module to prolong the service life
- Optional WiFi module can be used for cell-level system monitoring



HBP-00005KONLV

HBP-00011KONLV

HBP-00016KONLV

TECHNICAL PARAMETERS

Model	HBP-00005KONLV	HBP-00011KONLV	HBP-00016KONLV
Product Specifications:	5.12kWh	11.776kWh	16.076kWh
Battery type	LFP	LFP	LFP
Rated capacity of battery cell	100Ah	230Ah	314Ah
Rated voltage of battery cell	3.2V	3.2V	3.2V
Battery pack voltage rating	51.2V	51.2V	51.2V
Maximum Charge and Discharge Current	100A	200A	200A
Battery pack operating voltage range	44.8V~57.6V	44.8V~57.6V	44.8V~57.6V
Battery pack capacity	5.12kWh	11.776kWh	16.076kWh
Ingress protection	IP65	IP65	IP65
Operating Temperature	Charge: 0 ~50 ; Discharge -20 ~50	Charge: 0 ~50 ; Discharge -20 ~50	Charge: 0 ~50 ; Discharge -20 ~50
Battery pack weight	65±2kg	110±2kg	135±2kg
Size(W*H*D)(including transfer wheels)	695mm*496mm*210mm	750mm*547mm*260mm	895mm*547mm*260mm
Cooling method	Natural cooling	Natural cooling	Natural cooling
Operating altitude	≤2000m	≤2000m	≤2000m
Communication	CAN/RS485/RS232	CAN/RS485/RS232	CAN/RS485/RS232
Battery pack status indicator	2 LEDS(RUN、ALM)	2 LEDS(RUN、ALM)	2 LEDS(RUN、ALM)
Battery pack capacity indicator	5 LEDS (20%、40%、60%、80%、100%)	5 LEDS (20%、40%、60%、80%、100%)	5 LEDS (20%、40%、60%、80%、100%)
Authentication	CE(EN IEC61000-6-1), CE(EN IEC61000-6-3), CB(IEC62619/IEC63056),UN38.3	CE(EN IEC61000-6-1), CE(EN IEC61000-6-3), CB(IEC62619/IEC63056),UN38.3	CE(EN IEC61000-6-1), CE(EN IEC61000-6-3), CB(IEC62619/IEC63056),UN38.3
Local connection mode	Bluetooth	Bluetooth	Bluetooth
Cloud platform connection mode	WiFi (optional)	WiFi (optional)	WiFi (optional)
System switch	Buttons	Buttons	Buttons
Heating method	Heating film (optional)	Heating film (optional)	Heating film (optional)
System power output switch	DC circuit breaker	DC circuit breaker	DC circuit breaker
Mounting method	Floor-mounting, wall-mounting is optional	Floor-mounting, wall-mounting is optional	Floor-mounting, wall-mounting is optional