

# BATTERY PACK

## PRODUCT FEATURE



### Scalable Configuration

Modular design: one storage system can support 1 to 3 battery units.



### High Safety

System design based on LFP batteries, which have greater thermal stability.



### Quick Installation

Quick insert design to save installation time and cost.



### Long Service Life

More than 6000 cycles at 100% charging and discharging.



### IP65 Rating

IP65 water- and dust-proof, supports both indoor and outdoor installation.



### High Usage

The battery has high usage with usable energy up to 100%.



HBP-00006KUNLV

HBP-00013KUNLV

HBP-00019KUNLV

## TECHNICAL SPECIFICATION

	HBP-00006KUNLV	HBP-00013KUNLV	HBP-00019KUNLV
<b>System</b>			
Battery System Capacity (kWh)	6.6	13.2	19.8
Usable Capacity (kWh)	6.6	13.2	19.8
Numbers of Battery Modules	1	2	3
Rated Battery Voltage (V)	51.2	51.2	51.2
Operating Battery Voltage Range (V)	40~57.6	40~57.6	40~57.6
Rate Power (kW)	5	8	10
Rated Discharging Current (A)	91	182	273
Max Discharging Current (A)	125	200	300
Rated Charging Current (A)	65	130	195
Max Charging Current (A)	100	200	300
System Dimensions (W*H*D) (mm)	725*590*170	725*1030*170	725*1470*170
System Net Weight (kg)	65	125	185
Communication	RJ45 (RS485, CAN, Dry contact)		
<b>Module</b>			
Battery Module Number	HBP-0006K6UNLV		
Battery Module Capacity (kWh)	6.6		
Rated Battery Module Voltage (V)	51.2		
Control Box Module Dimensions (W*H*D) (mm)	725*440*170		
Battery Module Net Weight (kg)	60		
<b>Environment</b>			
Operating Temperature	(-10°C~50°C)		
Operating Humidity	0~95%RH		
Operating Altitude	≤3000m		
Installation	Wall-mounted or Floor type		
Enclosure Protection Rating	IP65		
Warranty	10years		
Cycle File	≥6000 cycles @ 75% EOL,25°C,100% DOD		
<b>Certification</b>			
Certification	IEC62619/UL1973/UL9540A/UN38.3		

## Residential Energy Storage Solution

