

BATTERY PACK

PRODUCT FEATURE



Expandable Capacity

Effortlessly combine multiple units to increase energy output as needed.



Flexible Investment Options

Energy storage clusters can be expanded in parallel to a max. energy capacity of 113.6 kWh.



Exceptional Reliability

Our LFP-based battery technology ensures consistently high performance.



Enhanced Safety Features

Intelligent temperature control guarantees battery safety and longevity.



Effortless Installation

Modular design allows for quick and seamless integration.



Extended Service Life

Optimized cycle life exceeds 7000 cycles for long-lasting reliability.



IP65 Protection Rating

Water- and dust-resistant, designed to withstand harsh environments.



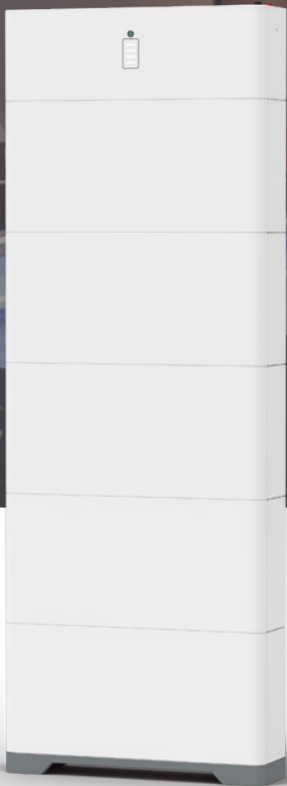
Superior Efficiency

Experience maximum efficiency with up to 95% usable energy.



Eco-friendly Design

Free of heavy metals and corrosive materials for minimal environmental impact.



HBP-00007KUNHV

HBP-00011KUNHV

HBP-00015KUNHV

HBP-00019KUNHV

TECHNICAL SPECIFICATION

HBP-00007KUNHV					HBP-00011KUNHV		HBP-00015KUNHV		HBP-00019KUNHV	
System										
Battery System Capacity (kWh)		7.6		11.4		15.2		19		
Usable Capacity (kWh)		7.2		10.8		14.4		18.1		
Numbers of Battery Modules		2		3		4		5		
Rated Battery Voltage (V)		204.8		307.2		409.6		512		
Operating Battery Voltage Range (V)		179.2-224		268.8-336		358.4-448		448-560		
Max. Output Power (kW)		7.6		11.4		15.2		19		
Recommended Charging/Discharging Current(A)		18.5		18.5		18.5		18.5		
Max. Charging/Discharging Current(A)		37		37		37		37		
System Dimensions (W*H*D) (mm)		670*900*170		670*1215*170		670*1530*170		670*1845*170		
System Net Weight (kg)		94		132		170		208		
Communication				RJ45 (RS485, CAN, Dry contact)						
Module										
Battery Module Number				HBP-0003K8UNHV						
Battery Module Capacity (kWh)		3.8								
Rated Battery Module Voltage (V)		102.4								
Battery Module Dimensions (W*H*D) (mm)		670*315*170								
Battery Module Net Weight (kg)		38								
Control Box Module Dimensions (W*H*D) (mm)		670*220*170								
Control Box Net Weight (kg)		12								
Environment										
Operating Temperature				-10℃~55℃						
Operating Humidity		0~95%RH								
Operating Altitude				≤3000m						
Installation		Wall-mounted or Floor type								
Enclosure Protection Rating				IP65						
Warranty		10years								
Cycle File				≥7000 cycles						
Certification										
Certification		IEC62619/CE/UKCA/UN38.3								

Residential Energy Storage Solution

