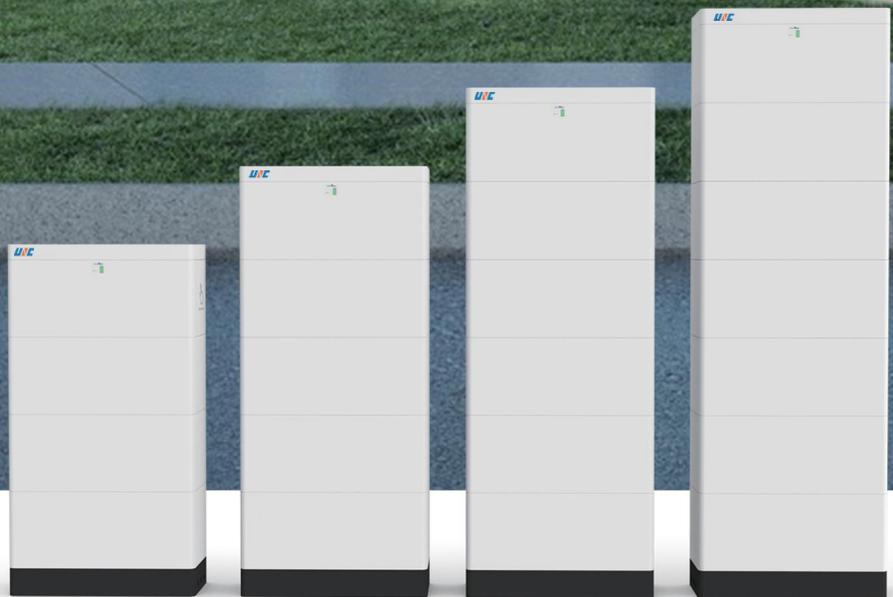


High-voltage battery system

The new high-voltage battery system designed by UNC adopts a flexible modular design and can stack 3-6 battery modules, making it an ideal energy storage solution for home grid connected or off grid solar systems.

By using high-voltage stacked batteries, you can use more clean energy more efficiently.

It has smaller and lighter individual modules, with a plug-in stacking method that only requires simple and easy installation steps, making it easy to customize battery modules to meet energy storage needs.



Product Core Highlights



High-voltage LiFePO4 battery solution, Single module is 51.2V/100Ah/5.12kWh.



Modular Design Simplifies Transport and Installation.



Cobalt Free Lithium Iron Phosphate (LFP) Battery: Maximum Safety, Life Cycle and Power



Diverse working modes that can be flexibly adjusted according to instructions



Applicable on grid or hybrid on and off-Grid solar energy storage system.



Flexible capacity configuration, can be proportioned according to demand

HOUSEHOLD ENERGY STORAGE PRODUCTS



Product Model	LV-BST-H15.36Aa	LV-BST-H20.48Aa	LV-BST-H25.6Aa	LV-BST-H30.72Aa
Energy (kWh)	15.36	20.48	25.6	30.72
Operating Voltage Range(V)	134.4~168.48	179.2~224.64	224~280.8	268.8~350.4
Dimension (D*W*H) mm	610*225*1140	610*255*1390	610*225*1640	610*225*1890
Weight(kg)	170	223	276	329
Recommend charge curren(A)	50			
Max continue charge current(A)	100			
Max continue discharge current(A)	100			
Charging temperature(°C)	0~55			
Discharge temperature(°C)	-20~60			
Display	The information of Battery, such as SOC, battery voltage and so on			
Environment	Indoor			
Relative humidity	5%~95%			
Maximum parallel support	4 clusters(3 to 6 units per cluster)			
Cooling	Natural convection			
Cell technology	Lithium-iron phosphate (LiFePO4)			
Cooling	IP65			
Life cycle	6000次@80%DOD			
Communication	CAN/Support RS485			
Certificates	CB, IEC62619, CE-EMC, CE-GPDS, UKCA, UL1973, UL9540A, EN62040, IEC62040; UN38.3, MSDS			
Single battery parameters				
Model	51.2V 100Ah, 5.12kWh			
Dimension (D*W*H) mm	High Voltage Box:610*225*250 Battery Box:610*225*250			
Weight (kg)	High Voltage Box:16 Battery Box:48.5			