



HL-HVA1 series/

Residential energy storage system, modular high-voltage battery, suitable for residential energy storage, One set provides electricity for the whole house.

▲ This picture is for reference only, subject to the real thing !



Modular structure for easy installation



Compatible with a variety of inverters



In the extreme performance safety test, the battery will not catch fire, explode, leak, and be safer to use.



Long cycle life



Intelligent battery management system



Support a variety of communication protocols, support RS485, RS232, CAN etc



Basic Parameters	3-module	4-module	5-module	6-module	7-module	8-module	9-module	10-module	
Nominal energy (kWh)	6.99	9.32	11.65	13.98	16.31	18.64	20.97	23.3	
Weight (kg)	92.7	119.7	146.7	173.7	200.7	227.7	254.7	281.7	
Working Voltage Range(V)	117.6 ~151.2	156.8 ~201.6	196 ~252	235.2 ~302.4	274.4 ~352.8	313.6 ~403.2	352.8 ~453.6	392 ~493	
Dimension (WxDxH) (mm)	480x365 x622.3	480x365 x753.8	480x365 x885.3	480x365 x1016.8	480x365 x1148.3	480x365 x1279.8	480x365 x1411.3	480x365 x1542.8	
TotalCapacity							52Ah		
Max. charge/discharge current/(@25°C)							40A		
Cycle life							6000cycles		
Module Series connection/Module							3S~10S		
Maximum number in parallel							4 units in parallel		
Operating ambient temperature							-10°C~50°C		
Cooling							Natural cooling		
Communication Port							CAN/RS485		
Ingress Protection rate/IP							IP55(in stacked up state)		
Certification							IEC62619/CE/RCM/VDE2510-50/ UN38.3+PI965(Sea)		