



HVA1 Series

ENERGY STORAGE SOLUTIONS

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

Features & Advantages



Easy Installation

Modular Structure for Easy Installation



Long Cycle

Long Cycle Life



High Safety

The Battery will not Catch Fire, Explode, Leak, and be Safer to Use.



Wide Compatibility

Compatible with Various Inverter Brands



Intelligent BMS



Variety Communication

Support RS485, RS232, CAN etc.

Specifications

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)							



Due to our policy of continuous product innovation, some specifications may change without notification.

