

High Voltage Solar Energy Storage Solution

10KWH~40KWH



- Modular structure for easy installation
- Intelligent battery management system
- In the extreme performance safety test, the battery will not catch fire, explode, leak, and be safer to use
- Long cycle life
- Compatible with a variety of inverters
- Support a variety of communication protocols, support RS485, RS232, CAN, etc.



Model	HV-10KWh	HV-20KWh	HV-30KWh	HV-40KWh
Performance Parameter				
Cell Technology	Lithium-iron Phosphate (LiFePO4)			
Nominal Energy	10KW	20KW	30KW	40KW
Voltage Range	160-230V			320-460V
Nominal Voltage	204V			409V
Nominal Capacity	50AH	100AH	100AH	100AH
Maximum Discharge Current	50A	100A	50A	100A
Instantaneous Discharge Current	100A/3S	200A/3S	100A/3S	200A/3S
Warranty	5 Years Product Warranty			
	Useful life: > 15years@25°C			
Standard Charging Current	50A			
Fast Charging Current	100A			
Cooling Mode	Natural Cooling			
Environmental Parameters				
BMS Charge Voltage Cut-Off	≤85%RH			
Reconnect Voltage	20°C~55°C			
Recommended Operating Temperature	25°C			
Enclosure Protection	IP21			
Compatible Parameters				
Weight (Approx.)	140KG	250KG	350KG	460KG
Configure Inverter Power	<10KW	<20KW	<30KW	<40KW
Installation Method	Stacked			
Dimensions(L/W/H)	602*403*702mm	602*403*1102mm	602*403*1502mm	602*403*1902mm
General Parameter				
Cycle Life	≥6000 Times (80% DOD)			
Display	SOC Status Indicator, LED Indicator			
Communication	RS485, RS232, CAN			
Cell Certification	CE, UL, IEC 62109-1&-2, IEC 62477, EN61000, UN38.3			
Compatible Inverters	Victron, Pylon, Deye, SMA, Growatt, Goodwe, MPP, Voltronicpower, Pchne, Sofarsolar, Megarevo, Tbbpower, ARUN, Schneider Etc.			

* Compatible tests with different brands of inverter are continuously, updates will be periodically
 ** Under specific test conditions.