



* Outlook of the product may be subject to change without notice during product improving.

H Series Low Voltage LiFePO4 Batteries 5.12kWh - 16.08kWh (Customizable)

- Grade A New Prismatic LiFePO4 Cells
- Scalable up to 15 units in parallel of up to max 241kWh energy capacity
- Patented BMS with full protection
- Wide compatibility with 20+ leading inverter brands
- Lifespan up to 6000 cycles, 10+ years
- Energy efficiency up to 98%, DOD up to 90%
- Built-in DC Breaker
- Wi-Fi and Bluetooth Wireless Remote Control and Firmware Update

Specifications

Item	H5000	H10000	H16000
Rated Energy	5.12 kWh	10.24 kWh	16.08 kWh
Usable Energy	4.608 kWh	9.216 kWh	14.47 kWh
Rated Voltage	51.2V	51.2V	51.2V
Operating Voltage	48~56V	48~56V	48~56V
Nominal Capacity	100Ah	200Ah	314Ah
Cell Type	LiFePO4	LiFePO4	LiFePO4
Cell Configuration	16S	16S	16S
Depth of Discharge (DOD)	90%	90%	90%
Max Charge Current	50A	100A	200A
Max Charge Voltage	58.4V	58.4V	58.4V
Max Discharge Current*	100A	100A	200A
Max Power Output	5KW	5KW	10KW
Weight	50 Kg	90 Kg	125 Kg
Dimensions (W × D × H)	590 x 426 x 160 mm	820 x 576 x 200 mm	790 x 530 x 240 mm
Communication	CAN/RS485		
Cycle Life	6000 cycles @0.2C 25°C 80%DOD		
Operating Temperature	Charge: 0~50°C/Discharge: -20~50°C/Storage:-20~45°C		
Humidity	≤90%		
IP Grade	IP21 or IP65		
Operating Altitude	≤2000m		
Protection	Over Temperature, Over Current, Over voltage, Short Circuit, Over-charging, Over-discharging, Low Voltage		
Certification	CE, UN38.3, MSDS		
Warranty	5 Years(10 years optional)		
Compatible Inverters	Quarelex, Deye, Growatt, Luxpower, Solis, Victron, Voltronic, SMA, etc 20+ brands		