



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

S Series Low Voltage LiFeP04 Batteries 5.12kWh - 16.076kWh (Customizable)

- Grade A New Prismatic LiFeP04 Cells from tier 1 brands, with original manufacturer QR code
- Scalable up to 15 units in parallel of up to max 241.14kWh 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%
- Rack cabinet optional with improved physical protection.

Specifications

Item	S5000	S10000	S16000
Rated Energy	5.12 kWh	10.24 kWh	16.076 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	43 Kg	88 Kg	115 Kg
Dimensions (W × D × H)	442 x 420 x 133 mm	442 x 420 x 265 mm	400 x 715 x 230 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, 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		