



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

### X Series Low Voltage LiFePO4 Batteries 16kWh - 32kWh (Customizable)

- Grade A New Prismatic LiFePO4 Cells
- Scalable up to 15 units in parallel of up to max 480kWh 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	X16000	X18000	X32000
Rated Energy	16.076 kWh	17.92 kWh	32.152 kWh
Usable Energy	14.47 kWh	16.128 kWh	28.94 kWh
Rated Voltage	51.2V	51.2V	51.2V
Operating Voltage	48~56V	48~56V	48~56V
Nominal Capacity	314Ah	350Ah	628Ah
Cell Type	LiFePO4	LiFePO4	LiFePO4
Cell Configuration	16S	16S	16S
Depth of Discharge (DOD)	90%	90%	90%
Max Charge Current	200A	200A	200A
Max Charge Voltage	58.4V	58.4V	58.4V
Max Discharge Current*	200A	200A	200A
Max Power Output	10KW	10KW	10KW
Weight	133 Kg	139 Kg	245 Kg
Dimensions (W × D × H)	550 x 250 x 850 mm	1000 x 551 x 240 mm	1106 x 750 x 280 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		