

## 3U CABINETS LIFEPO4 BATTERY

The 3U home energy storage battery can cover energy storage needs across all scenarios, including:

1. Emergency power supply guarantee;
2. Photovoltaic (Pv) supporting (self-generation and self-consumption);
3. Outdoor/mobile power supply expansion;
4. Household energy management optimization.



Can be stacked in parallel to increase capacity



Light weight, Small size



Long cycle life, using high-quality LiFePO4 Cells, the cycle life is as high as 6000 times



Intelligent battery management system



Support a variety of communication protocols, support RS485, RS232, CAN etc



Compatible with a variety of inverters



The battery will not catch fire, explode, leak, and be safer to use.

## Technical Parameter

Model	ZB-C-3U-256100	ZB-C-3U-256200	ZB-C-3U-48100	ZB-C-3U-512100
Specification	25.6V100AH	25.6V200AH	48V100AH	51.2V100AH
Rated Voltage	25.6V		48V	51.2V
Rated Capacity	100AH			
Rated Energy	2.56KWH	5.12KWH	4.8KWH	5.12KWH
Cell Typ	LiFePO4			
Composition	8S1P	8S2P	15S1P	16S1P
Working Voltage Rang	21.6V-28.8V		40.5V-54V	43.2V-57.6V
Output Power	Max:2.5KW	Max:5KW	Max:5KW	Max:5KW
Max Charge Current	Max:50A	Max:100A	Max:50A	
Max Discharge Current	Max:100A			
Display	LCD Display Screen			
Communication Interface	RS485,RS232,CAN			
Protection Function	Overcurrent,Overvoltage,Overcharging,Overdischarge,Short Circuit,Over-temperature,etc			
Compatible Inverters	DEYE /Afore /MEGAREVO/SOLIS/Growatt /LUXPOWER/Voltronics Goodwe/SMA/Victron/SOROTEC/MUST/etc.			
Change Temperature	0°C-45°C			
Discharge Temperature	-20°C-65°C			
Storage Temperature	-10°C-45°C			
Cooling Method	Natural Cooling			
Design Life	10 years			
Cycles	6000@25°C /0.5C/80%DOD			
Battery Size(WxDxH)	L440*W430*H133mm			
Package Size(WxDxH)	L550*W540*H215mm			
Net Weight	25.6Kg	44.5Kg	42.5Kg	44.5Kg
Gross Weight	27.0Kg	47.0Kg	45.2Kg	47.0Kg

\*Bracket standard (removable), Size and weight for reference only