

Residential Energy Storage

ZT-B5NLV



Quick Installation

Plug and play connection saves 40% installation time;

Strong Stability

Multiple battery protections including communication, MOS, 2nd fault mandatory protection to enable overall full protection;

High Safety

Protection level at Ip65, independent fire-proof designed for battery cells, whose fire-resistant material is tested at 1200°C flame.

Model	ZT-B5LV	ZT-B10LV	ZT-B15LV
Physical			
Battery Type	LFP(LiFePO4)		
Weight (kg)	57kg	107kg	157kg
Dimensions [W*L*H]	500*207*526	500*207*927	500*207*1328
Protection Level	IP65		
Warranty Years	10 years		
Parameters			
Rated Power	5.12kWh	10.24kWh	15.36kWh
Usage Power	4.6kWh	9.2kWh	13.8kWh
Cell Capacity	100Ah		
Discharge Depth	90%		
Voltage Range	44.8V-58.4V		
Maximum Battery Pack Expansion	3 Packs(15.36kWh)		
Application			
Rated Charge/Discharge Current	50A/100A		
Max. Charge/Discharge Current	100A		
Rated Power	5kW		
Charge/Discharge Environment Temperature	2°C~58°C/-18°C~58°C		
Environment Humidity Range	0~90%		
Certification			
Cell Certification	IEC62619, UN38.3		
Pack Certification	IEC62619, UN38.3		