ZETAPOWER®

Residential Battery

ZTLB16KA2



ADVANTAGE

Fast Charge & Discharge

Max. continuous charge /discharge current: 200 A

Long-term Reliability

6000+ cycles at 80% DOD

Flexible Expansion

Up to 64 units in parallel, flexibly expanding capacity up to 1024 kWh

Ultra-High Safety

Smart fire extinguishing system

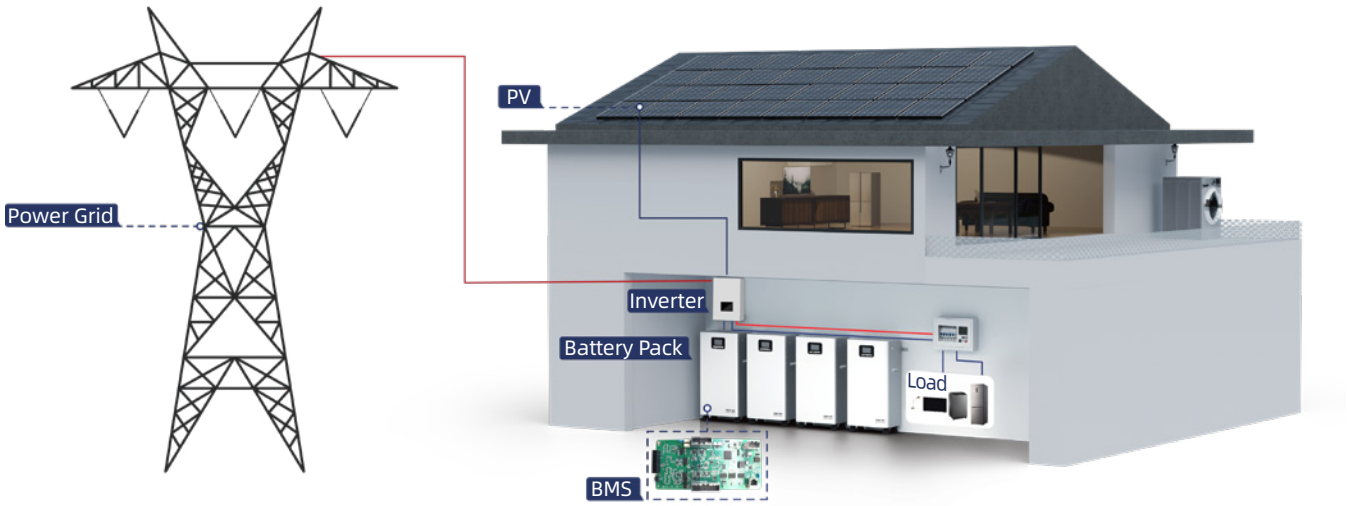
Wide Inverter Compatibility

Works with leading inverter brands

Seamless User Experience

Built-in LCD display, remote monitoring, OTA updates

SYSTEM ARCHITECTURE



TECH SPECS

Product Images	
Model	**ZTLB16KA2**
Basic Parameter	
Battery Type	$LiFePO_4$
Nominal Voltage	51.2V
Nominal Capacity	314Ah
Nominal Battery Energy	16.07kWh
Operation Parameter	
Operating Voltage	44.8V~57.6V
Recommended Charge Current	157A
Max. Continuous Charge/Discharge Current	200A
Expansion（A）	Up to 64 units in parallel
Physical Parameter	
Dimension：W*D*H	460*245*830±2mm
Net Weight	117±2kg
IP Rating	IP21
Communication	RS485/CAN
User Interface	Bluetooth/WIFI+APP+LCD
Terminal	M8 Screw
Installation	Floor-mounted
Environment Parameter	
Humidity	5~95% RH
Charge Temperature Range	0℃ ~50℃
Discharge Temperature Range	-20℃ ~55℃
Storage Temperature Range	-20℃ ~50℃
Service Life	
Cycle Life	> 6000 Times （0.5C@ 25℃，80% DOD）
Certification	
Safety & Certification	IEC62619、CE
Transportion	UN38.3

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