

51.2V 100Ah Energy Storage Battery



Multiple Inverter Compatibility

Compatible with a variety of leading hybrid inverters.



Smart BMS

Advanced Battery Management System (BMS) for enhanced safety and efficiency.



High Energy Density

The compact structure achieves market-leading energy density.



Compact Size and Easy Installation

The module design enables quick installation.



Expandable at Need

Units can be combined to increase energy capacity.



Systematic Safety Design & Technologies

Multi-stage protection design enhances the safe storage; meets the standards of international safety certifications.

TECHNICAL DATA

Model	ZE21164	ZE21164
Rated Voltage (A)	48	51.2
Rated Capacity (Ah)	100	100
Total Energy (kWh)	4.8	5.12
Charge Voltage (V)	54	57.6
Max. Charge/Discharg Current (A)	100	100
Recommended Charge/Discharge Current (A)	50	50
Dimensions (L*W*H, mm)	442*400*130	442*400*130
Weight (Kg)	36	38
Cycle	>5000cycles	
IP Grade	20	
Charge Operating Temperature	0°C~50°C*	
Discharge Operating Temperature	-10°C~55°C**	
Relative Humidity	0%RH-95%RH	
Communication Port	RS485, RS232, CAN	
Certification	CE, IEC62619, UN38.3, RoHS	

*Derating occure between-10°C~10°C.

**Derating occure between-10°C~0°C,45°C~55°C.

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ACE-RESS-ZE231200 | REV 02 | Mar. 2024

