



110V 100Ah Lithium Iron Phosphate battery at 0.5C

Built with durable Lithium Iron Phosphate chemistry, this battery offers over **4000 cycles** and comes with a **10-year warranty**. With **efficient operation** from 0°C to 50°C, it's ready for any climate.



Built-in DC circuit breaker enables automatic protection

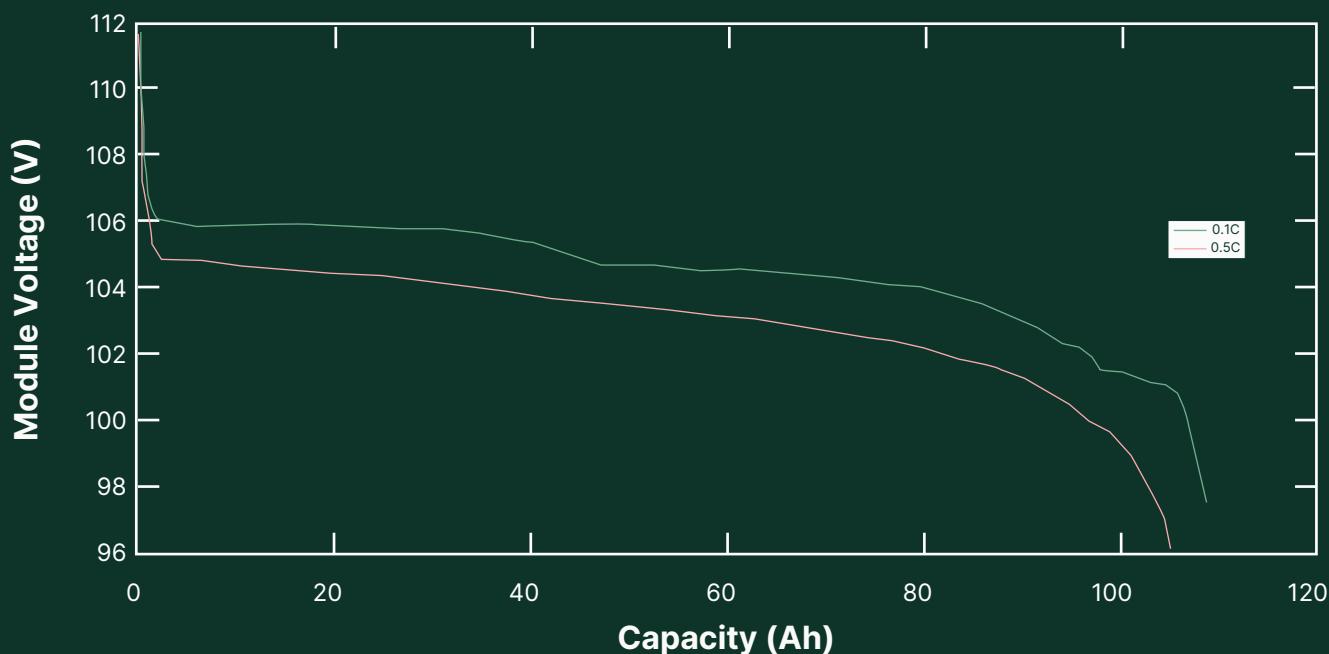


Touch-proof connections prevent accidental contact



CAN and RS485 interfaces allow smart monitoring and control

Discharge Rated Capacity at 25°C



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R1C0510 Specs

Cell Chemistry	Lithium Iron Phosphate (LiFePO4)
Nominal Voltage	102.4V
Operating Voltage	99V~112V
Short Circuit Current	750A peak
Rated Capacity	10.240kWh
Nominal Power	0.5C
Cycle Life	>4000 cycles at 100% DoD
Modules	1
Number of Parallel modules	16
Ambient Operating Temperature	0~50C
Storage Duration	6 Months @ 25C
Weight	95kg
Dimensions (L xDxH,mm)	485×475×290mm
Communication	RS485 & CAN
Safety Features	Integrated DC Circuit Breaker Short Circuit Protection Over Voltage Protection Cell Undervoltage Protection Cell Overvoltage Protection Overtemperature Protection Cell Balancing Charge Limiting Differential Voltage Aerosol Fire Suppression
Warranty	10 years

