SUNGOLDPOWER

CoreX 5 Elite

Wall Mounted
48V 100AH Residential
Energy Storage Battery



Wi-Fi/Bluetooth

BMS

LCD Display

Max 15 Units in Parallel

Wide Compatibility

Premium EVE Lithium Cells

Introduction



- **Tier-1 EVE Lithium Cells**
  Built with premium EVE Energy cells forhigh safety, reliability, and long cycle life.
- **Durable and Deep-Cycle**
  10-year warranty, Maintains 80% capacityafter 5000 cycles at 100% DOD.
- **Smart BMS Protection**
  Real-time monitoring with multi-layer safety protection and cell balancing.
- **Local & Remote Monitoring**
  LCD display plus WiFi/Bluetooth forreal-time and historical data access.
- **Wide Inverter Compatibility**
  Works with most major inverter brands via CAN / RS485 communication.
- **Scalable System Design**
  Parallel up to 15 units for flexible residential and small commercial expansion.

Technical Specifications

Product Model	CoreX 5 Elite
Battery Type	Lithium iron phosphate battery
Rated capacity	100Ah
Rated voltage	51.2V
Rated energy	51.2V
Voltage range	43.2 V~56.8V
Charging current limit	20A
Standard charge/discharge current	50A
Maximum charge current	95A
Maximum discharge current	100A
Recommended temperature range for use	50°F~113°F (10°C~45°C)
Operating temperature	Charge 39.2°F~131°F(4°C~55°C) Discharge:-4°F~131°F(-20°C~55°C)
Humidity range	5~85% RH, no condensation
Storage humidity	Within 1 month -4°F~113°F(-20°C~45°C) Within 1 year 32°F~95°F(0°C~35°C)
Dimension D*W*T	22.05 x 18.9 x 5.39 inch（560±2)*(480±2)*(137+1)mm
Weight	105.82 lbs 48+2kg(Net weight)
IP rating	IP20
Application altitude	≤3000m (~9842.5ft)

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