



EOC05B

5.12kWh

Lithium Battery Energy Storage

PRODUCT FEATURE

- ❑ Supports USB interface for direct computer communication
- ❑ Low internal resistance design mode is adopted
- ❑ Supports wall, floor,stack or rack mounting
- ❑ Up to 16 in parallel connection, expand to 81.92kWh
- ❑ High quality lithium iron phosphate cells
- ❑ Get started quickly and use it instantly

ABOUT SRNE

- ❑ SRNE 15 years in PV industry, committed to independent R&D and production.
- ❑ Holds over 200 patents in energy storage, with unique industry-leading technologies.
- ❑ Chooses top-quality international components to deliver high-value products to customers.
- ❑ Upholds values of customer priority, proactivity, responsibility, and innovative breakthroughs.

MODEL	SR-EOC05B
MAIN INFO	
Rated Voltage	51.2V
Rated Capacity	100Ah
Battery Energy	5.12kWh
Battery Type	LFP
Cycling Lifespan	6000 (80%DOD,0.2C,25°C)
Lifetime	20 years
Max. Parallel Capacity	1~16 units
CHARGE&DISCHARGE	
Max. Charging Voltage	57.6V
Over Discharging Voltage	44.8V
Standard Charging Current	50A
Max. Charging Current	100A (1C)
Peak Charging Current	110A (1.1C,3s)
Standard Discharging Current	50A
Max. Discharging Current	100A (1C)
Peak Discharging Current	110A (1.1C,3s)
GENERAL	
Weight	45kg (99.2lb)
Dimension (L*W*H)	580*446*120mm (1.9*1.46*0.39ft)
Communication	CAN / RS485 / USB
Storage Condition	6 months@25°C/77°F, 3 months@35°C/95°F, 1 month@45°C/113°F
Charging Temp. Range	0~45°C
Discharging Temp. Range	-10~45°C
Cooling Method	Natural cooling
Protection Degree	IP30
STANDARD	
Transportation	UN38.3,MSDS
Safety	IEC 62619: 2017, EN IEC 61000-6, UL1973

