



SunCore series

Lithium Battery Energy Storage
SunCore-B1605K

product feature

Intelligence

- Supports USB interface for direct computer communication
- Low internal resistance design mode is adopted

User friendly

- Get started quickly and use it instantly
- Min. width of just 12cm, saving space in the home, saving space in the home

Safety

- High quality lithium iron phosphate cells
- Proven Li-ion battery management solutions

Easy to install

- Supports wall, floor, stack or rack mounting

Easy to upscale

- Compatible with many brands of inverter protocols, communicate directly with the computer
- Up to 9 in parallel connection, expand to 45kWh

Application scenario



House



Farm



Telecom



Countryside



Island



Pasture

MODEL	SunCore-B1605K	CAN BE SET
MAIN INFO		
Rated Voltage	51.2V	
Rated Capacity	100Ah	
Battery Power	5.12kWh	
Battery Type	LFP	
Cycling Lifespan	6000(80%DOD,0.2C,25°C)	
Lifetime	20 years	
Max. Parallel Capacity	9 units	√
CHARGE&DISCHARGE		
Max. Charging Voltage	57.6V	√
Over Discharging Voltage	44.8V	√
Standard Charge Current	50A	
Max. Charging Current	100A (1C)	√
Peak Charging Current	110A(1.1C,3s)	√
Standard Discharge 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	6months@25°C/77°F, 3months@35°C/95°F, 1month@45°C/113°F	
Charging Temp.Range	0~45 C	
Discharging Temp.Range	-10~45 C	
Cooling Method	NeutralCooling	
Protection Grade	IP30	
STANDARD		
Transportation	UN38.3,MSDS	
Safety	IEC62619:2017,ENIEC61000-6,UL1973	

Pictures >>>

