

- ✓ Easy to install, easy transport
- ✓ High cycle life, high efficiency
- ✓ Support multi-scenario applications
- ✓ Intelligent integrated management system



Solar Energy Storage LiFePO4 Battery

Specifications

Model	SN1250	SN12100/SN24100	SN12150	SN12200/SN24200
Nominal Parameters				
Voltage	12.8V	12.8V/25.6V	12.8V	12.8V/25.6V
Capacity	50Ah	100Ah	150Ah	200Ah
Energy	640Wh	1280Wh/2560Wh	1920Wh	2560Wh/5120Wh
Dimensions (mm)	229*138*208	330*173*220/520*240*218	520*240*218	520*240*218/520*269*220
Weight	6kg	12.5kg/22kg	20kg	22kg/45kg
Basic Parameters				
Design life (25°C)	10 years			
Cycles life	>3000 Cycles (@0.2C, 25°C, 80% DOD)			
Storage time/ temperature	6 months @25°C; 3 months @35°C; 1 months @45°C			
Operation temperature	-20°C to 60°C @60±25% Relative Humidity			
Storage temperature	-0°C to 45°C @60±25% Relative Humidity			
Enclosure protection rating	IP65			
Electrical Parameters				
Operation voltage	12.8VDC	12.8VDC/25.6VDC	12.8VDC	12.8VDC/25.6VDC
Max. charging voltage	14.6VDC	14.6VDC/29.2VDC	14.6VDC	14.6VDC/29.2VDC
Cut-off discharge voltage	10VDC	10VDC/20VDC	10VDC	10VDC/20VDC
Standard charging (0.2C)	10A	20A	30A	40A
Max. discharging	50A	100A	150A	150A