



Solar Lithium battery Eco Series 6000 Cycles

54.4V/100Ah LiFePO4 Lithium Iron Battery (Rac Series)



Back Panel Printing Description

- Top brand cell, grade A quality
- High density, small size and weight
- Cells cycle times 6000 cycle
- Long lifespan: 5 years warranty, 10+ life design
- Big discharge current, Suitable for solar system
- Smart BMS system to optimize the performance
- Communication: RS485/CAN, compatible with different brand of solar inverter
- All around protection
- Power wall and 4U Rack mounted case design for optional
- Smart bms supports communication with different brand of hybrid inverter

Communication with different brand:



Technical Parameter

MODEL SPECIFICATION	54.4V 100Ah GNY Series	51.2V 100Ah MGN Series
Battery Type	LiFePO4 (BYD/ EVE Cell)	LiFePO4 (BYD/ EVE Cell)
Normal Battery Model	54.4V 102Ah	51.2V 102Ah
Normal Capacity(25°C, 0.2C)(WH)	5500Wh	5222Wh
Voltage window(Vdc)	47.6 - 62.5 V	44.8 - 58.4 V
Folat Charge Voltage(Vdc)	59.5 V	56 V
Max.continue discharge current(A)	100 A	100 A
Max.pulse discharge current(A)	200 A 1 Sec	200 A 1 Sec
Max.continue charge current(A)	70 A	70 A
Cycle life(+25°C0.2C 100%DOD)	>6000 Cycles	>6000 Cycles
Cell Equalizer Current A)	1~5A Max.	1~5A Max.
Terminal	M8	
Storage temperature	0°C~30°C	
Storage duration	6 months at 25°C	
Safety standard	UN38.3, MSDS, CE	
IP degree	IP20	
Communication function	RS485/CAN (Communication protocol supported inverter brand: Deye, Growatt, Voltroni, GOODWE, VICTRON, PYLONTEC, SMA, SOFAR))	
PROTECTION		
Protection	Overcharge protection、 Overdischarge protection、 Overcurrent protection、 Shortcircuit protection、 Overtemperature protection	
AMBIENT		
Noise(dB)	< 40dB (1 meter)	
Working Temperature	-10°C ~ +50°C	
Humidity	0~95% (no condensation)	
Sea Level(m)	=1500	
DIMENSION		
LxWxH(products size) mm	L565*W445*H16mm	L565*W445*H16mm
LxWxH(package size) mm		
Weight(NW Kg)	59Kg	57Kg
Weight(GW Kg)		