

# Home energy Storage system



Mode	4.8KW	9.6KW	14.4KW	19.2KW
<b>Main Parameter</b>				
Rated capacity	4.8	9.6	14.4	19.2
Deep of Discharge	95%	95%	95%	95%
Nominal capacity	100Ah	100Ah	100Ah	100Ah
Battery Type	LFP (LiFePO4)			
Combination method	1M/15S1P	2M/15S1P	3M/15S1P	4M/15S1P
Nominal Voltage(V)	48			
Capacity(Wh)	4800	9600	14400	19200
Charging mode	CC/CV			
Cycle life (weeks)	6000 /times	6000 /times	6000 /times	6000 /times
Communication mode	CAN/RS485/RS232			
Weight(kg)	49.14	98.28	147.42	196.56
Dimensions (length × width × height)	610×485×196mm	610×485×350mm	610×485×588mm	610×185×784mm
<b>Functional characteristic</b>				
Static voltage sampling accuracy of cell at room temperature	±5mV	±5mV	±5mV	±5mV
Current sampling accuracy at room temperature	≤±0.5%@FS	≤±0.5%@FS	≤±0.5%@FS	≤±0.5%@FS
Temperature sampling accuracy at normal temperature	±1°C	±1°C	±1°C	±1°C
Short-circuit protection	Y			
Heating	N			
Charge balancing function	Y			
Cell capacity estimation function	Y			
Set battery string full charge capacity, current capacity, and designed capacity	Y			
LCD status display function	Y			
Upper computer software control function	The PC software can easily set the protection parameters such as overcharge, overdischarge, overcurrent, overtemperature, undertemperature, capacity, sleep, balance, storage and other parameters			
communication port	CAN/RS485/RS232			
Sleep and wake up	Has a variety of sleep and wake up mode			



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