

Product model	EGB48100PB	EGB48200PB
Rated energy	5.12Kwh	10.24Kwh
Usable capacity	4.6Kwh	9.2Kwh
Rated voltage	51.2V	51.2V
Voltage range	42~58.4V	42~58.4V
Weight	47kg	84kg
Dimension (W×H×D)	340*636*180mm	400*650*280mm
Depth of discharge	90%	
Life cycles	≥6000 Cycles	
Max. charge current	100A	
Max. discharge current	100A	
Max. number in parallel	16	
Battery type	LiFePO4	
Communication interfaces	RS485/CAN	
Operating temperature range	Charge:0°C~50°C; Discharge: -10°C~50°C	
Storage temperature	20°C~40°C (≤1 month) /0~35°C (≤1 year)	
Cooling method	Natural Convection	
Ambient humidity	0~95%, Non-condensing.	
Ingress protection	IP65	
Standard warranty(year)	5 (Standard) / 10(Optional)	
Applicable standard	UN38.3, IEC62619	
PV Input		
Max.Power	5500W	
Max.Open Voltage	500V	
MPPT Input Voltage Range	120-450VDC	
Max.Input Current	16A	
PV Output		
Max.Power	5000W	
Max.Charge Current	80A	

Note: Product specifications are subject to change without further notice