

■ Performance characteristics

- Small size and light weight
- Maintenance-free
- Environmental protection and pollution-free materials, no heavy metals, green and environmental protection
- Standard cycle life is more than 5000 times
- Accurately estimate the state of charge of the battery pack, that is, the remaining power of the battery, to ensure that the power of the battery pack is maintained within a reasonable range
- Built-in BMS management system with comprehensive protection and monitoring and control functions



■ Technical parameters

Type	GBP48V-100AH-W (Voltage Optional 51.2V)	GBP48V-200AH-W (Voltage Optional 51.2V)
Nominal Voltage (V)	48	
Nominal capacity (AH)	100	200
Nominal energy capacity (KWH)	4.8	9.6
Operating voltage range	42-56.25	
Recommended charging voltage (V)	51.75	
Recommended discharge cut-off voltage (V)	45	
Standard charging current (A)	25	50
Maximum continuous charging current (A)	50	100
Standard discharge current (A)	25	50
Maximum discharge current (A)	50	100
Applicable temperature (°C)	-30°C ~ 60°C(Recommended 10°C ~ 35°C)	
allowable humidity range	0 ~ 85% RH	
Storage temperature (°C)	-20°C ~ 65°C(Recommended 10°C ~ 35°C)	
Protection level	IP20	
cooling method	natural air cooling	
Life cycles	5000+ times at 80% DOD	
Maximum size (W*D*H)mm	475*630*162	465*682*252
Weight	50KG	90KG

Remarks: The above data are for reference only and are subject to change without prior notice. Special voltage can be customized.