



BATTERY

PRODUCT MODEL

- BW-BAT-4.8S



HIGH INTELLIGENCE

- Online cycle lifetime forecast;
- Online monitoring, online diagnosis, online service.



HIGH SAFETY

- Vehicle-level redundant protection;
- Multiple hardware and firmware protection.

BATTERY MODEL	BW-BAT-4.8S
ELECTRICAL DATA	
Battery Capacity	4.8kWh
Usable Capacity	4.6kWh
Depth of Discharge (DoD)	95%
Nominal Voltage	96V
Operating Voltage Range	90~108V
Internal Resistance	<45 mΩ
Cycle Lifetime	8000
Max. Charging Current	50A
Max. Discharging Current	50A
GENERAL DATA	
Battery Type	LFP
Operating Temperature Range	Charge:0<T<50°C / Discharge:-10<T<50°C
Relative Humidity	0~95% (No Condensing)
Weight	39.2kg
Dimensions (W*H*D)	590x430x205 mm
Protection Degree	IP65
Series	1~6 in series
Capacity	4.8 / 9.6 / 14.4 / 19.2 / 24.0 / 28.8 kWh
Usable Capacity	4.6 / 9.2 / 13.8 / 18.4 / 23.0 / 27.6 kWh
Communication	CAN / RS-485 (Optional)
Warranty	5 years / 10 years
CERTIFICATE	
Transportation	UN38.3
Safety Regulation	IEC 62619:2017, IEC 62040:2017
EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4

Note: Specifications are subject to change without advance notice.