



BATTERY

PRODUCT MODEL

- MÄC-BHV-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		MÄC-BHV-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	<45mΩ	
Cycle Lifetime	8000	
Max. Charging Current	50A	
Max. Discharging Current	50A	
GENERAL DATA		
Battery Type	LFP	
Operating Temperature Range	Charge:0°C<T<50°C / Discharge:-10°C<T<50°C	
Relative Humidity	0~95% (No Condensing)	
Weight	53.4kg	
Dimensions (W*H*D)	590x430x205mm	
Protection Degree	IP65	
Parallel / Series	1~6 In Series	
Capacity	4.8 / 9.6 / 14.4 / 19.2 / 24.0 / 28.8kWh	
Usable Capacity	4.5 / 9.0 / 13.5 / 18.0 / 22.5 / 27.0kWh	
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.