



ENERGY STORAGE SOLUTION

## BATTERY



### 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-10.1P	BW-BAT-10.1P II	BW-BAT-10.1P III	BW-BAT-10.1P IV	BW-BAT-10.1P V	BW-BAT-10.1P VI
Battery Type	LFP(LiFePO4)					
Weight	90kg *					
Dimension(W*D*H)	590x205x750mm *					
Ingress Protection	IP65					
DoD	95%					
Nominal Voltage	96V					
Operating Voltage Range	90~108V					
Max. Charging/Discharging Current	52.5A					
Operating Temperature Range	Charge:0<T<50°C / Discharge:-10<T<50°C **					
Humidity	0 ~ 95%					
Modules Connection	1 ~ 6 in parallel					
Energy Capacity	10.1kWh	20.2kWh	30.3kWh	40.4kWh	50.5kWh	60.6 kWh
Usable Capacity	9.6kWh	19.2kWh	28.8kWh	38.4kWh	48.0kWh	57.6 kWh
Rated Power (kW)	5.04					
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature					
BMS Communication	CAN					
<b>SYSTEM</b>						
Safety	IEC62619/ IEC62040					
Transportation	UN38.3					

\* The weight and dimension is only for single module. The weight will be multiplied with the number of batteries. The depth and height are the same for all battery systems. But at least 300mm clearance is necessary between each module for all battery systems.

\*\* When the temperature is below 0 °C or above 40 °C, the performance will be limited.