



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-9.6P I | BW-BAT-9.6P II | BW-BAT-9.6P III | BW-BAT-9.6P IV | BW-BAT-9.6P V | BW-BAT-9.6P VI |
|-----------------------------------|---------------------------------------------------------------------------|----------------|-----------------|----------------|---------------|----------------|
| Battery Type | LFP(LiFePO4) | | | | | |
| Weight | 85.77 kg * | | | | | |
| Dimension(W*D*H) | 590x206x730mm * | | | | | |
| Ingress Protection | IP65 | | | | | |
| DoD | 95% | | | | | |
| Nominal Voltage | 96V | | | | | |
| Operating Voltage Range | 90~108V | | | | | |
| Max. Charging/Discharging Current | 50.0A | | | | | |
| Operating Temperature Range | -10<T<50°C ** | | | | | |
| Humidity | 0 ~ 95% | | | | | |
| Modules Connection | 1 ~ 6 in parallel | | | | | |
| Energy Capacity | 9.6kWh | 19.2kWh | 28.8kWh | 38.4kWh | 48.0kWh | 57.6 kWh |
| Usable Capacity | 9.1kWh | 18.2kWh | 27.3kWh | 36.4kWh | 45.5kWh | 54.6 kWh |
| Rated Power (kW) | 4.8 | | | | | |
| Monitoring Parameters | System voltage, current, cell voltage, cell temperature, PCBA temperature | | | | | |
| BMS Communication | CAN | | | | | |
| Warranty | 12 years(Performance Warranty) | | | | | |
| SYSTEM | | | | | | |
| 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.

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