

# HIGH VOLTAGE ENERGY STORAGE BATTERY SYSTEM

## 209 kWh | HBOWA-209K314

- Ultra Safe LFP Cells | Excellent Thermal Stability
- 6000+ Cycles | 15+ Years Design Life
- Expandable Design | Max 16 Units Connected in Series
- Compact Integrated Rack | Quick PCS Integration
- Wide Temperature Adaptability
- Multi Communication Ports | Compatible with Mainstream Inverters



| Model                                    | HBOWA-209K314                                           |
|------------------------------------------|---------------------------------------------------------|
| <b>Battery Parameter</b>                 |                                                         |
| Battery Type                             | LiFePO <sub>4</sub> (Lithium Iron Phosphate)            |
| Energy Capacity                          | 209kWh (665.6V 314Ah)                                   |
| Nominal Voltage                          | 665.6V                                                  |
| Nominal Capacity                         | 314Ah                                                   |
| Module Dimension (mm)                    | 483*245*792mm*13                                        |
| Dimension RACK(mm)                       | 1090*780*1940                                           |
| Total Weight(kg)                         | 1668                                                    |
| <b>General Parameter</b>                 |                                                         |
| Nominal Capacity (KWH)                   | 209                                                     |
| Discharge Cut-Off Voltage (V)            | 572                                                     |
| Charge Cut-Off Voltage (V)               | 738.4                                                   |
| Recommend Charge/Discharge Current (A)   | 100                                                     |
| Max. Charge/Discharge working Current(A) | 160                                                     |
| Communication                            | RS485/RS232/CAN                                         |
| Working Temperature                      | 0°C~50°C Charge -10°C ~50°C Discharge                   |
| Transport or Storage Temperature Range   | -20°C~60°C                                              |
| Certification                            | CE/IEC/UL/UN38.3/MSDS                                   |
| Design Life                              | 15years+                                                |
| Cycle Life                               | ( 0.5C/0.5C-80% DOD ) ≥6000 Cycles                      |
| Series Function                          | Support 16 units in Series                              |
| Certification                            | UN38.3/MSDS/ROHS                                        |
| Application Scenario                     | C&I ESS / Solar + Storage / Peak Shaving / Backup Power |