

BluePulse Series **NEW**

BC125DE2 / BC143DE2 / BC161DE2 / BC179DE2 /
BC197DE2 / BC215DE2 / BC233DE2

Versatile Application

- ▶ Ideal for factories, hotels, and farms with DC / AC-coupled solar-storage
- ▶ No external switching device is required, on/off-grid switching time about 10ms, support direct output backup load

Safe & Reliable

- ▶ 280ah large capacity cell, higher energy density
- ▶ Carbon monoxide detection, Sound and light alarm, Exhaust fan, Explosion vent window, Inlet valve, Fire water injection port

Smart Energy

- ▶ Supports self-consumption, peak shifting, time-of-use, and battery backup
- ▶ Integrated self-developed BMS / EMS for flexibility

High Performance

- ▶ Small size, small footprint
- ▶ Long-lasting battery cycle life

Easy Operation

- ▶ Compact design saves space
- ▶ Cloud control with 24 / 7 monitoring



Outdoor Battery Cabinet Parameters

| Technical Parameters | BC125DE2 | BC143DE2 | BC161DE2 | BC179DE2 | BC197DE2 | BC215DE2 | BC233DE2 |
|---------------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Battery Type | LFP | | | | | | |
| Battery Module Capacity | 17.92 kWh | | | | | | |
| Rated Capacity | 280 Ah | | | | | | |
| Number of Modules | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Rated Capacity | 125.44 kWh | 143.36 kWh | 161.28 kWh | 179.2 kWh | 197.12 kWh | 215.04 kWh | 232.96 kWh |
| Usable Capacity | 122.93 kWh | 140.94 kWh | 158.05 kWh | 175.61 kWh | 193.18 kWh | 210.74 kWh | 228.30 kWh |
| Nominal Voltage | 448 V | 512 V | 576 V | 640 V | 704 V | 768 V | 832 V |
| Operating Voltage Range | 399 ~ 504 V | 456 ~ 576 V | 513 ~ 648 V | 570 ~ 720 V | 627 ~ 792 V | 684 ~ 864 V | 741 ~ 936 V |
| Charge / Discharge Rate | 0.5 C | | | | | | |
| Max. Charging Current | 140 A | | | | | | |
| Max. Discharging Current | 140 A | | | | | | |
| DoD | Default 90%, Max. 98% | | | | | | |
| General Parameters | | | | | | | |
| Dimensions (W x H x D) | 1300 x 2386 x 1442 mm | | | | | | |
| Weight | 1845 kg | 1990 kg | 2115 kg | 2250 kg | 2385 kg | 2560 kg | 2655 kg |
| Installation Site | Outdoor | | | | | | |
| IP Protection | IP54 | | | | | | |
| Pollution Degree | PD3 (PD2 inside) | | | | | | |
| Over voltage category | OVC II | | | | | | |
| Protective Class | I | | | | | | |
| Anti Corrosion Level | C4 | | | | | | |
| Operation Humidity | 5% ~ 95% (No Condensing) | | | | | | |
| Operation Temperature | -30°C ~ +50°C | | | | | | |
| Max. Operation Altitude | ≤ 3000 m | | | | | | |
| Communication Port | Ethernet; CAN | | | | | | |
| Communication Protocol | CAN; TCP | | | | | | |
| Cooling Method | Air Conditioner | | | | | | |
| Country of Manufacture | China | | | | | | |
| Warranty | 10 Years | | | | | | |
| Certificates | UN38.3; MSDS; IEC 62040; IEC 62477; IEC 62619; IEC 63056; IEC 61000-6-2/4 | | | | | | |