

# BluePulse Series **NEW**

BC140DE2A / BC160DE2A / BC180DE2A / BC200DE2A /  
BC220DE2A / BC240DE2A / BC260DE2A

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## Safe & Reliable

- ▶ 314Ah large capacity cell, higher energy density
- ▶ Carbon monoxide detection, Sound and light alarm, Exhaust fan, Explosion vent window, Inlet valve, Fire water injection port

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## High Performance

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

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## Easy Operation

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



## Outdoor Battery Cabinet Parameters

| Technical Parameters      | BC140DE2A                                                                 | BC160DE2A   | BC180DE2A   | BC200DE2A   | BC220DE2A   | BC240DE2A   | BC260DE2A   |
|---------------------------|---------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Battery Type              | LiFe (LiFePO4)                                                            |             |             |             |             |             |             |
| Battery Module Capacity   | 20.09 kWh                                                                 |             |             |             |             |             |             |
| Rated Capacity            | 314 Ah                                                                    |             |             |             |             |             |             |
| Number of Modules         | 7                                                                         | 8           | 9           | 10          | 11          | 12          | 13          |
| Rated Energy              | 140.67 kWh                                                                | 160.76 kWh  | 180.86 kWh  | 200.96 kWh  | 221.05 kWh  | 241.15 kWh  | 261.24 kWh  |
| Usable Energy             | 137.86 kWh                                                                | 157.54 kWh  | 177.24 kWh  | 196.94 kWh  | 216.63 kWh  | 236.33 kWh  | 256.02 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. Discharge Current    | 157 A                                                                     |             |             |             |             |             |             |
| Max. Charge Current       | 157 A                                                                     |             |             |             |             |             |             |
| DoD                       | Default 90%, Max. 98%                                                     |             |             |             |             |             |             |
| <b>General Parameters</b> |                                                                           |             |             |             |             |             |             |
| Dimensions (W x H x D)    | 1324 x 1440 x 2415 mm                                                     |             |             |             |             |             |             |
| Weight                    | 1861                                                                      | 2001        | 2141        | 2281        | 2421        | 2561        | 2701        |
| Installation Site         | Outdoor                                                                   |             |             |             |             |             |             |
| IP Protection             | IP54                                                                      |             |             |             |             |             |             |
| Protective Class          | Class I                                                                   |             |             |             |             |             |             |
| Over Voltage Category     | OVC II                                                                    |             |             |             |             |             |             |
| Anti Corrosion Level      | C4                                                                        |             |             |             |             |             |             |
| Pollution Degree          | PD3 (PD2 inside)                                                          |             |             |             |             |             |             |
| Operation Humidity        | 0 ~ 95% (No Condensing)                                                   |             |             |             |             |             |             |
| Operation Temperature     | -30°C ~ +50°C                                                             |             |             |             |             |             |             |
| Max. Operation Altitude   | ≤ 3000 (> 2000m Derating)                                                 |             |             |             |             |             |             |
| Communication Port        | Ethernet; CAN                                                             |             |             |             |             |             |             |
| Communication Protocol    | CAN; TCP                                                                  |             |             |             |             |             |             |
| Cooling Method            | Air conditioner                                                           |             |             |             |             |             |             |
| Warranty                  | 10 Years                                                                  |             |             |             |             |             |             |
| Certificates              | UN38.3; MSDS; IEC 62040; IEC 62477; IEC 62619; IEC 63056; IEC 61000-6-2/4 |             |             |             |             |             |             |