

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	140.49 kWh	158.05 kWh	175.62 kWh	193.18 kWh	210.74 kWh	228.30 kWh
DoD	0 ~ 98%						
Rated DC Power	62.7 kW	71.7 kW	80.6 kW	89.6 kW	98.6 kW	107.5 kW	116.5 kW
AC Input	230Va.c; 50Hz; Max.17Aa.c. lcc.6KA						
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						
Cycle	8000						
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						