

BluePulse Series **NEW**

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

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

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	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
DoD	0 ~ 98%						
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						
Rated DC Power	70 kW	80 kW	90 kW	100 kW	110 kW	120 kW	130 kW
Max.Charge / Discharge Power	75.8 kW	86.6 kW	97.5 kW	108.3 kW	119.2 kW	129.9 kW	140.8 kW
General Parameters							
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	Product Warranty 10 years**						
Certificates	UN38.3; MSDS; IEC 62040; IEC 62477; IEC 62619; IEC 63056; IEC 61000-6-2/4						

* For lower temperature, heating system will heat battery up to 0°C before charge; heating system will heat battery up to -20°C before discharge.

** Please refer to the warranty document for the correct warranty conditions for performance warranty.