

Generating  
Superior Solutions  
for Energy and More

BATTERY CABINET **NEW**  
**BC(63~107)DE2**  
BluePulse Series

**CAPACITY**

Capacity Range: 63~107 kWh  
(17.92 kWh Module)



- 4+3 Multi-layer Safety Protection
- Optimized Air Cooling Design
- 8,000+ Cycles Long Lifespan



Technical Parameters	BC63DE2-AU	BC70DE2	BC80DE2-AU	BC89DE2	BC96DE2-AU	BC107DE2
Battery Type	LFP					
Battery Module Capacity	17.92 kWh					
Cell Type	280 Ah					
Number of Modules	4	4	5	5	6	6
Rated Capacity	64.512 kWh	71.68 kWh	80.64 kWh	89.6 kWh	96.768 kWh	107.52 kWh
Usable Capacity	64.512 kWh	64.512 kWh	80.64 kWh	80.64 kWh	96.768 kWh	96.768 kWh
Nominal Voltage	256 V	256 V	320 V	320 V	384 V	384 V
Operating Voltage Range	228 ~ 288 V	228 ~ 288 V	285 ~ 360 V	285 ~ 360 V	342 ~ 432 V	342 ~ 432 V
Charge / Discharge Rate	Max. 0.5 C					
Max. Charging Current	140 A					
Max. Discharging Current	140 A					
DoD	100%	Default 90% Max. 98%	100%	Default 90% Max. 98%	100%	Default 90% Max. 98%
<b>General Parameters</b>						
Dimensions (W x H x D)	1062 x 2083 x 1371 mm					
Weight	1165 kg		1330 kg		1435 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; RS485					
Communication Protocol	CAN; MODBUS TCP / IP					
Cooling Method	Air Conditioner					
Country of Manufacture	China					
Warranty	10 Years					
Certification	UL 9540A; UN38.3; MSDS; IEC 62040; IEC 62477; IEC 62619; IEC 63056; IEC 61000-6-2/4					