KSTAR
Powering the Future

BluePulse Series NEW

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	BC220DE2A	BC240DE2A	BC260DE2A
Battery Type	LiFe (LiFePO4)		
Battery Module Capacity	20.09 kWh		
Number of Modules	11	12	13
Total Battery Capacity	221.05 kWh	241.15 kWh	261.24 kWh
Nominal Voltage	704 V	768 V	832 V
Operating Voltage Range	627 ~ 792 V	684 ~ 864 V	741 ~ 936 V
Charge / Discharge Rate	0.5 C		
Standard Charging / Discharging Current	157 A / 157 A		
DoD	90%		
General Parameters			
Dimensions (W x H x D)	1324 x 1440 x 2415 mm		
Weight	< 2.39 T	< 2.53 T	< 2.66 T
Installation Site	Outdoor		
IP Protection	IP54		
Anti Corrosion Level	C4		
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	Intelligent Air Cooling		
Warranty	5 Year Product Waarranty; 10 Year Performance Warranty		
Certificates	UN38.3; MSDS; IEC 62040; IEC 62477; IEC 62619; IEC 63056; IEC 61000-6-2/4		

© 2025 Shenzhen KSTAR New Energy Co.,Ltd. All rights reserved. Data subject to change without prior notice.