Generating Superior Solutions for Energy and More.

KSTAR
Powering the Future

BlueCore Series NEW

C&I Indoor Storage Battery

Safety Reliable

Easy Installation

High Efficiency

Expandable System

90% DOD

- Scalable to 261.17 kWh
- 90% Depth of Discharge
- Floor Mounting
- Easy installation
- Intelligent Fan cooling
- IP21 Protection Level
- High Voltage and High Efficiency
- Compatible with KAC50DP2, KAC125DP2



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Battery Model	BC-PACK-20.1-20S-157A
Technical Parameters	
Battery type	LFP (LiFePO4)
Battery Cell Brand	EVE
Norminal Capacity	20.09 kWh
Norminal Voltage	64 V
Operating Voltage Range	57 ~ 72 V
Charging / Discharging Rate	0.5 C
Standard Charging / Discharging Current	157 A / 157 A
Depth of Discharge	90%
Module Connection	3 ~ 13 (Max. 13 Modules in Series)
Total Battery Capacity	60.27 ~ 261.17 kWh
Genenral Parameters	
Dimensions(WxHxD)	554 x 970 x 290 mm
Weight	< 180 kg
Installation Site	Indoor
IP Protection	IP21
Anti Corrosion Level	C2
Operation Humidity	0 ~ 95% (No Condensing)
Operation Temperature	Charging: 0 ~ 50℃; Discharging: -20 ~ 50℃
Max. Operation Altitude	≤ 3000 (>2000m Derating)
Communication Prot	Etherne / CAN / RS-485
Communication Protocol	CAN / TCP
Cooling Method	Intelligent Fan Cooling
Warranty	5 Year Product Warranty, 10 Year Performance Warranty

HV Box Model	BC-SG-360	BC-SG-936
Technical Parameters		
Dimensions(WxHxD)	554 x 970 x 290 mm	
Weight	80 kg	
Max. Charge / Discharge Current	157 A	
Current Measurement Range	-157 ~ 157 A	
Operation Humidity	0 ~ 95% (No Condensing)	
Operation Temperature	-25 ~ 55℃	
IP Protection	IP21	
Installation Site	Indoor	
Cooling Method	Natural cooling	
Display	LCD	
Communication Interfaces	CAN; RS-485; Ethernet	
Battery Module Connection	3 ~ 5	6 ~ 13
Rated Voltage Range	171 ~ 360 V	342 ~ 936 V