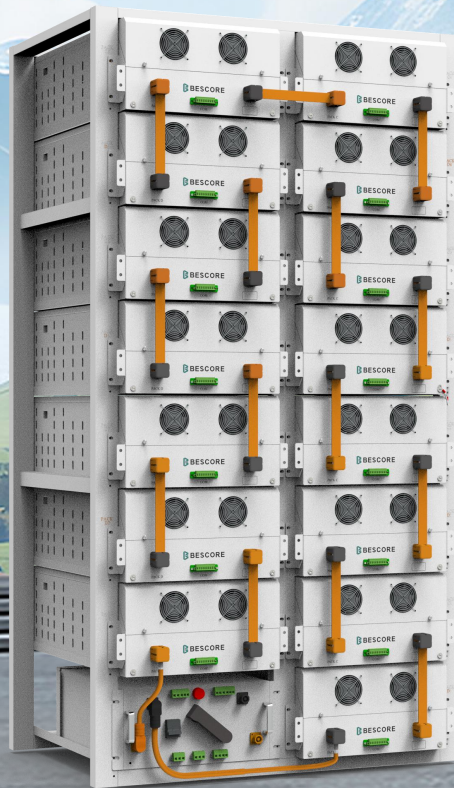




Air-Cooled Battery Rack

Key Features



Safety

- LFP Battery Cell, Life Cycle 8000+
- Complete Certifications, Safe and Reliable



Flexibility

- Modular Capacity Expansion
- Ultimate Distance, High Space Utilization



Convenience

- Easy Maintenance
- High Capacity Density, Multi-scenario Applications

PARAMETERS

Item		Parameter	
Model		BSC-CR1-240S1P280-G0	BSC-CR1-176S1P280-G0
Configuration Method		240S1P	176S1P
Rated Energy		215kWh	157kWh
Rated Voltage		768Vdc	563.2Vdc
Operation Voltage Range		672~864Vdc	492.8~633.6Vdc
Rated Charge Power		≤107kW	≤79kW
Rated Discharge Power		≤107kW	≤79kW
Weight		1680±10 kg	1260±10 kg
Rated Capacity		280Ah (0.5P, 25±2°C)	
Rated Charge Current		140A (15°C~45°C)	
Max. Charge Current		150A (15°C~45°C)	
Continuous Discharge Current		140A (15°C~45°C)	
Max. Discharge Current		150A (15°C~45°C)	
Recommended Window for SOC Range		0~100% (charge/discharge DOD)	
Factory SOC		30%~35%	
Heat Dissipation Method		Air-cooling	
IP Class		IP20	
Allowable Altitude		3000m	
Operating Temperature	Charging	0~55°C	
	Discharging	-20~55°C	
Storage Temperature	Short-term (Within 1 Month)	-20°C~45°C	
	Long-term (Within 1 Year)	0°C~35°C	
Life Cycle		≥8000 (25 ± 2°C, 0.5P, 100%DOD, 70%EOL)	
Dimension (W*D*H)		1030*737*2030mm (without panel inserts of packs and wiring harnesses)	
Communication Mode		CAN	

