

# BF200-DC

BF200-DC is an outdoor air-cooling DC cabinet, single cabinet capacity of 215kWh. Suitable for industrial and commercial scenarios, with PV system to realize the functions of peak feed-in and self-generation and self-consumption.



## Easy Installation

Easy to install, no need to modify the existing PV equipment to realize system expansion.



## High Return Rate

Improve the utilization rate of PV power generation & feed-in tariffs, and high rate of return on investment.



## IP55+C3

Resistant to outdoor installation with strong environmental adaptability.



## Smart and Efficient

Optical storage adopts DC coupling scheme with high system efficiency; the system operates automatically and can flexibly adjust the PV Internet access period.

# SPECIFICATION

Model		BF200-DC (C3)
Battery		
Battery Type		LFP (LiFePO <sub>4</sub> )
Battery Capacity		280Ah
PACK Configuration		1P16S*15
Rated Current		140A
Max. Current		160A
Voltage Range		696~864Vdc
Nominal Capacity		215kWh
PV IN		
Max. Input Power		50kW*3
Max. Input Current		100A*3
Short-circuit Current		150A
Input Voltage Range		200~670Vdc
Start-up Voltage		250Vdc
MPPT Path		3
DC OUT		
Rated Power		25kW*2
Voltage Range		700±20Vdc
Max. Output Current		50A*2
System		
Weight		2500±100kg
Dimension (W/D/H)		1850/1195/2258mm
Max. Efficiency		94%
Air Conditioner Power		3kW (Cooling), 1kW (Heating)
Operating Temperature		-20~50°C (Derating above 45°C)
Operating Humidity		0~95%RH (Non-condensing)
Ingress Protection		IP55
Anti-Corrosion Grade		C3
Cooling Method		Air cooling
Noise		≤75dB
Elevation		3000m (Derating Above 2000m)
Fire Protection		Aerosol, Multi-sensor/Water ingress
Communication		Ethernet/4G/RS485

