

# 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.



## Smart & Efficient

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



## High-level Protection

IP55+C5 protection, handles harsh environments such as high humidity and salt spray corrosion with ease.

SPECIFICATION

Name		BF200-DC
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	85A*3	
Short-circuit Current	110A	
Input Voltage Range	200~600Vdc	
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)	1845/1195/2255mm	
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, Water fire system, Multi-sensor/Water ingress, Audible&Visual alarm, Explosion-proof ventilation	
Communication	Ethernet/4G/RS485/Bluetooth	

