

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

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

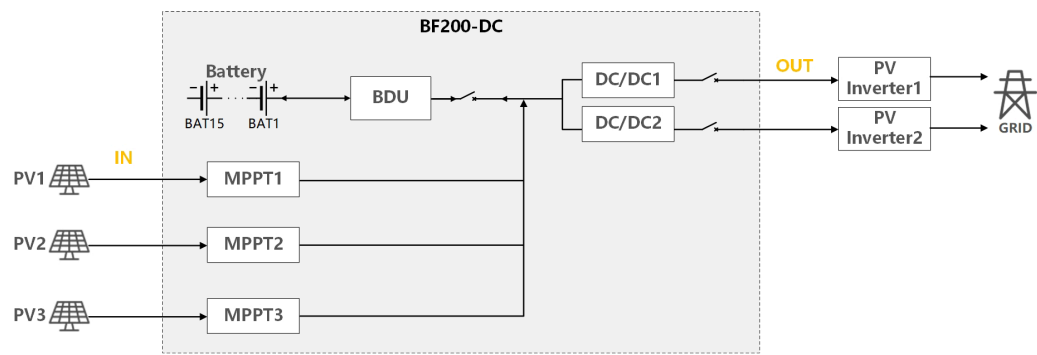
Resistant to outdoor installation with strong environmental adaptability.



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.

Diagram



Specification

Model	BF200-DC
Battery	
Battery Type	LiFePO ₄
Battery Capacity	280Ah
PACK Configuration	1P16S
PACK Quantity	15 PACK/Cluster
Rated Current	140A
Max. Current	160A
Voltage Range	696~864Vdc
Nominal Capacity	215kWh
PV IN	
Rated Power	50kW*3
Short Current	150A*3
Max. Input Voltage	670Vdc
Voltage Range	200~670Vdc
Start-up Voltage	250Vdc
Max. Input Current	100A*3
MPPT Path	3
DC OUT	
Rated Power	25kW*2
Voltage Range	700±20Vdc
Max. Output Current	50A*2
System	
Weight	2500kg (TBD)
Dimension (W/D/H)	1850/1200/2258mm
Battery Out Efficiency	≥97% (TBD)
Temperature	-20~50℃ (Derating Above 45℃)
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
Communication	Ethernet/4G

