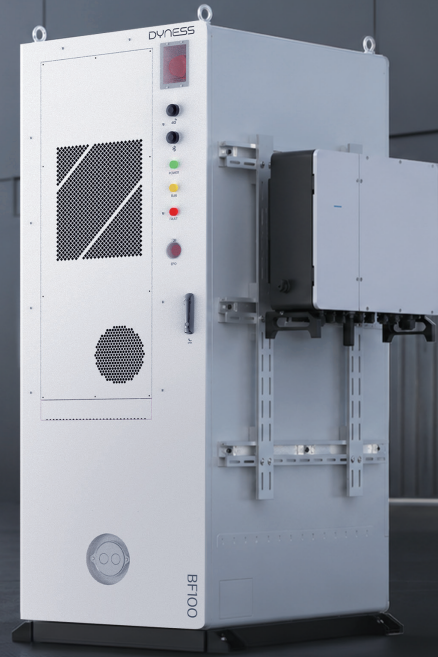


NEW

BF100-C140

Outdoor Air-cooling
Battery Cabinet



* This product comes with universal side brackets and fits most mainstream third-party inverters.

100 kWh /140 kWh optional

Multi-units DC parallelable
Supports 2~12h long-duration energy storage.



Lower Noise Operation

Optional noise reduction
modules for noise-restricted
applications

Commercial
Complexes

Business
Parks

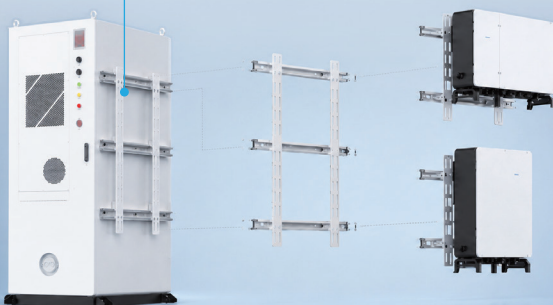
Industrial
Parks



Universal Fit Design

Easy to install and maintain

Single cluster dual-output design with
standard universal side brackets



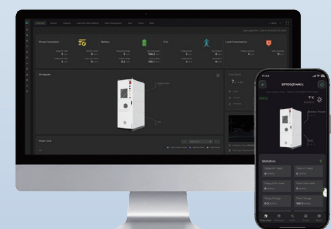
Safe & Reliable

3-level fire detection,
active ventilation,
and aerosol and water fire
protection for full safety



Smart Management

Real-time monitoring
& OTA updates



SPECIFICATION

Model	BF100-C100E		BF100-C140
Battery			
Battery Type	LFP (LiFePO ₄)		
Battery Capacity	314Ah		
Rated Current	157A		
Max. Current	180A		
PACK Configuration	1P20S*5	1P20S*7	
Rated Voltage	320Vdc	448Vdc	
Voltage Range	290~360Vdc	406~504Vdc	
Nominal Capacity	100kWh	140kWh	
System			
Weight	1360kg (TBD)	1650kg (TBD)	
Dimension (W*D*H)	850*1320*2425mm		
Max. Efficiency	94%		
Air Conditioner Power	3.2kW (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(Optional C5)		
Cooling Method	Air-cooling		
Noise	≤75dB (Add optional accessories ≤65dB)		
Elevation	3000m (Derating above 2000m)		
Display	APP		
Fire Protection	Aerosol, Water fire system, Multi-sensor detector/Water ingress detector, Audible & visual alarm, Explosion-proof ventilation		
Communication	Ethernet/4G/RS485/Bluetooth/CAN		
Standard	EN IEC 61000-6-2:2019/ EN IEC 61000-6-4:2019/ UN38.3/ IEC 62619/ IEC 63056/ IEC 62477-1/ EN 62477-1		

