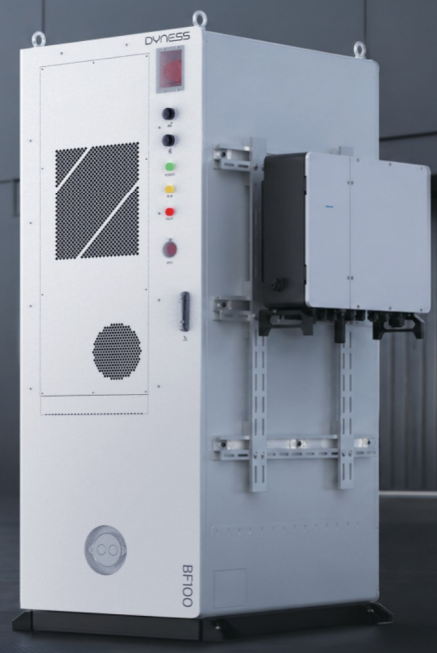
DYNESS

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

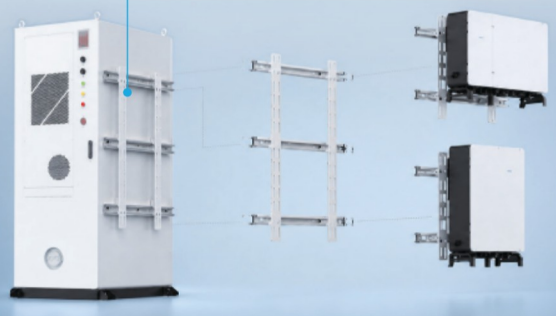


Commercial Complexes | Business Parks | Industrial Parks

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



File version-20260708-V1.7-EN

Information might be subject to change without notice during product improving.

www.dyness.com sales@dyness-tech.com

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*2350mm	
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	