

BF100

BF100 is a DC battery cabinet that can be installed outdoors. It is air-cooling design and is equipped with a wall-mounted hybrid inverter to achieve AC output. It is suitable for small-sized industrial and commercial scenarios.



Flexible Expansion

Single unit capacity options of 86/100kWh, supports 6 DC expansion units, with flexible capacity configuration



Safe & Reliable

Three-stage detection + active exhaust + passive explosion-proof design to eliminate hidden hazards and ensure safe operation



Ultra-long Lifespan

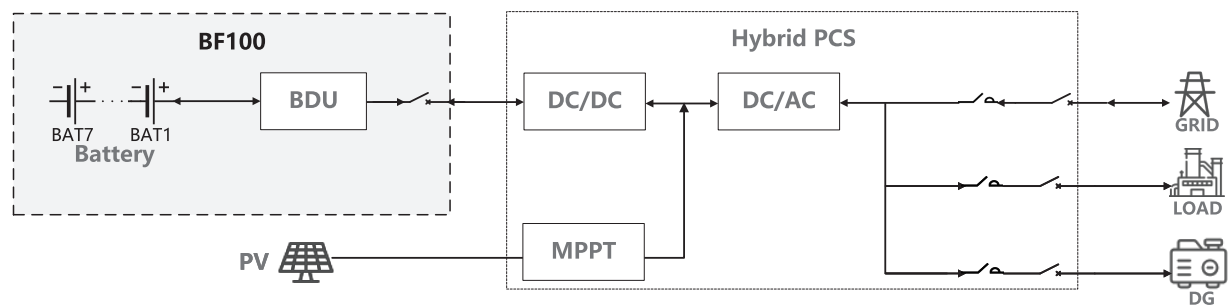
LFP battery, 8000+ cycles, maximum support 10-year long warranty



Simple O&M

Modular design, side outlet mode, easy to install, and easy to maintain.

Diagram



Specification

Model	BF100-C80		BF100-C100
Battery			
Battery Type	LiFePO ₄		
Battery Capacity	280Ah		
Rated Current	140A		
Max. Current	160A		
PACK Configuration	1P16S*6	1P16S*7	
Voltage Range	278.4~345.6Vdc	324.8~403.2Vdc	
Nominal Capacity	86kWh	100kWh	
System			
Weight	1100±100kg	1200±100kg	
Dimension (W/D/H)	725/1200/2260mm		
Max. Efficiency	94%		
Air Conditioner Power	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		
Cooling Method	Air-cooling		
Noise	≤65dB (TBD)		
Elevation	3000m (Derating above 2000m)		
Display	Touch screen		
Fire Protection	Aerosol, Multi-sensor/Water ingress, Explosion-proof ventilation		
Communication	Ethernet/4G/RS485		
Certification	CE, LVD, UN38.3		
Depth of Discharge	95%		
Cycle Life*	≥8000 cycles/10 years		
Compatible Inverters	Solis/Megarevo/SOSEN/SOLINTEG		

*Test conditions: 0.2C Charging & Discharging, @25°C, 95% DOD

