

# EnerBC-215

## Outdoor Battery Energy Storage Cabinet



Vilion-BESS  
energy flowing with demand  
永无止境 绿色驱动

- Plug-and-Play for ready to use
- Compact with modular design
- Suitable for outdoor use
- High performance LFP battery
- Multiple parallel connections
- Patent design for pressure relief and fire retardance



4 tiers of safety  
Design for higher  
safety and reliability



Integrate external  
PCS from various  
brands



Modular design  
and easy & quick  
O&M optimize the  
system utilization.



### Factory/Office Park/Hotel/Restaurant

Peak-load Shifting  
TOU Tariff Arbitrage  
Electricity Cost Saving



### EV Charging Station

Solar +Storage +Charging  
Station  
Maximize the Solar Utilization



### Microgrid

Backup Power  
Store Extra Solar Energy  
Distributed Energy Integration  
Optimizing The Power Grid  
Upgrading

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## Outdoor Battery Energy Storage Cabinet

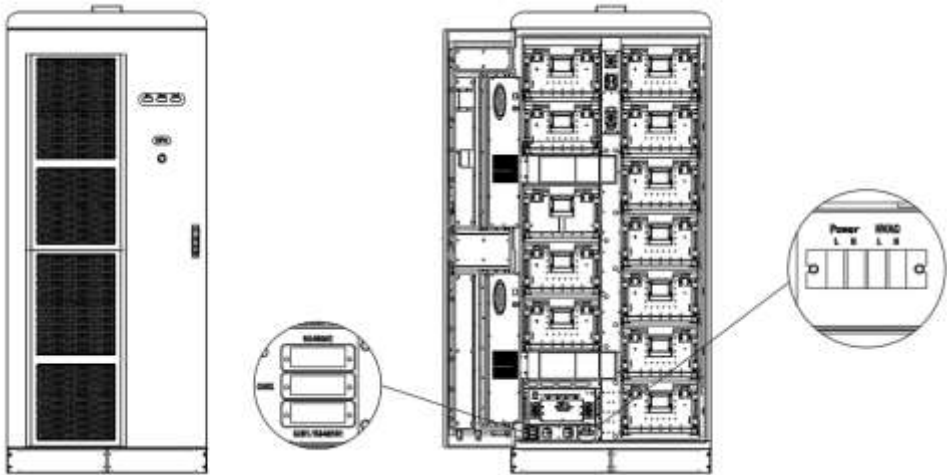


Vilion-BESS  
energy flowing with demand  
永无止境 “绿色” 能源流动

Item	EnerBC-215	EnerBC-215
Battery parameters		
Battery cell	LiFePO <sub>4</sub> - 280Ah	
Battery module	1P20S	
Battery clutser configuration	1P220S	1P240S
Battery voltage range	616V~792V	672V~864V
Battery Capacity ( BOL )	197kWh	215kWh
General parameters		
Dimension(W*H*D)	1000mm*2334mm*1186mm	
Weight	2050kg	2200kg
IP protection grade	IP55: suitable for outdoor use	
Cooling method	Air cooling	
Operating temperature *	-20℃ ~ 50℃	
Relative humidity	0~95% (no-condensing)	
Anti-corrosion grade	C5	
Working altitude **	<3000m	
Fire Fighting System	Somke detector+ Gas detector+ Novec1230	
Noise	≤75dB	
Cycle life	6000 cycles	
Communication	Ethernet, RS485	
Communication protocol	Modbus RTU, Modbus TCP/IP	
Certifications		
Cell: IEC62619, UN38.3;		
PACK: UN38.3, IEC62619;		
System: IEC62619, UN3480		

\* If the temperature exceeds 45°C , the system power will be derated.

\* The system will be derated when the altitude exceeds 2000m.



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