

# BYD-Blade Battery Liquid-Cooled

## Containerized Battery Energy Storage System

IEC, EN, UL, UI, G99, UN, Complete Certification  
Classification societies and other products and components



### Safe & Stable

- 100+ safety tests
- Single cluster, single management
- Four-level active and passive protection design



### Cost-Effective

- 20-foot standard container, easy to transport and install
- Fast system response time <200ms



### Modular partition operation and maintenance

- Modular design, partitioned operation and maintenance, maintenance without interfering with the operation of other modules, improving system availability



### Flexible expansion

- Flexible configuration on demand, module splicing
- Easy to integrate with new energy sources such as wind power and photovoltaic systems



### Industrial Park Energy Storage

Scaling Peak shaving and valley filling  
Time-of-use electricity price arbitrage  
Cut capacity charges



### Photovoltaic storage & charging integrated power station

Self-use Peak shaving and valley filling  
Save electricity Scaling  
Low carbon & environmental protection



### Rural Photovoltaic Storage Microgrids

Backup power Self-generation for self-use  
Distributed integrated energy utilization  
Solving the problem of power grid transformation

## System Parameters

DC side parameters			
Battery Type	BYD Blade BatteryLiFePO4		
Battery Cabinet Type	MC-B466-E-R2M01		
System Configuration	4*MC-Cube	5*MC-Cube	6*MC-Cube
System capacity (BOL)	1864kWh	2330kWh	2796kWh
AC side parameters			
Grid type	3P3W		
Rated output power	860kVA	1075kVA	1290kVA
Rated voltage	690(-15%~10%)V		
Rated grid frequency	50/60(±5)Hz		
Output harmonics	<3%(@rated power)		
Power Factor	0.99/-1~1		
General parameters			
Certifications	IEEE1547,UL1973,UL9540A, UL1741,CSA C22.2,IEC62619, UN38.3		
Protection level	PCScompartment: IP65,Battery compartment: IP55		
corrosion resistance grade	C3		
Operating temperature*	-30°C~55°C		
Relative humidity	0~95%(No condensation)		
Operating altitude**	<3000m		
Fire Fighting System	Automatic fire detection alarm system, optional aerosol fire extinguishing system		
Noise Level	≤75dB		
Dimensions (W*D*H)	20HQcontainer (6058mm×2438mm×2896mm)		
Maximum weight	About 25000kg		
Communication interface and protocol	RS485/Ethernet, Modbus TCP/RTU		
Warranty	5--10 years		

\* If the temperature exceeds 45°C or under -15°C, the system will be derated.

\* If the altitude is higher than 2000 meters, the system will be derated.