

Rack-mounted LFP Battery BF-2.56~20.48kWh-X-L



MAIN FEATURES

- Top brand LiFePo4 cells(BYD/EVE)
- High capacity, minor size and light weight
- Long life cycles(>6000)
- 5 years cells warranty and 10+ years life time
- Large discharge current, suitable for solar system
- Modular design with BMS each and HV set equipped with extra MCM
- RS485/CAN, Compatible with most hybrid inverters on sale
- Wall-mounted or rack-mounted, Easy to install and extend capacity



TECHNICAL PARAMETER					
MODEL	BF-2.56kWh-1-L	BF-5.12kWh-1-L	BF-10.24kWh-2-L	BF-15.36kWh-3-L	BF-20.48kWh-4-L
SPECIFICATION					
System Demo					
Battery Module	51.2V50Ah	51.2V100Ah			
Number of Module	1	1	2	3	4
Normal Capacity	2.56kWh	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Battery Type	LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)
Operating Voltage	44.8~58.4VDC	44.8~58.4VDC	44.8~58.4VDC	44.8~58.4VDC	44.8~58.4VDC
Float Charge Voltage	56.0VDC	56.0VDC	56.0VDC	56.0VDC	56.0VDC
Max.Continue Discharge Current	25A	50A	100A	150A	200A
Max.Pulse Discharge Current	50A 1sec.	150A 1sec.	300A 1sec.	450A 1sec.	600A 1sec.
Max.Continue Charge Current	50A	50A	100A	150A	200A
Cycle Life (+25°C 0.2C 100%DOD)	6000 Cycles	6000 Cycles	6000 Cycles	6000 Cycles	6000 Cycles
Cell Equalizer Current	1~5A Max.	1~5A Max.	1~5A Max.	1~5A Max.	1~5A Max.
Terminal	Double M8	Double M8	Double M8	Double M8	Double M8
Storage Temperature	0°C~30°C				
Storage Time	6 months at 25°C				
Safety Certification	UN38.3,MSDS,CE				
Enclosure Protection Rating	IP20				
Communication Function	RS485/CAN				
PROTECTION					
Protection	Overcharge protection	Overdischarge protection	Overcurrent protection	Shortcircuit protection	Overtemperature protection
AMBIENT					
Noise	< 40dB (1 meter)				
Working Temperature	-10°C~+50°C				
Humidity	0~95% (no condensation)				
Altitude	<1500m				
DIMENSION					
L×W×H (products size)	L479*W192*H192mm	L655*W452*H191mm	L655*W452*H428mm	L655*W422*H595mm	L655*W422*H761mm
Weight(NW)	33kg	55kg	118kg	175kg	228kg