

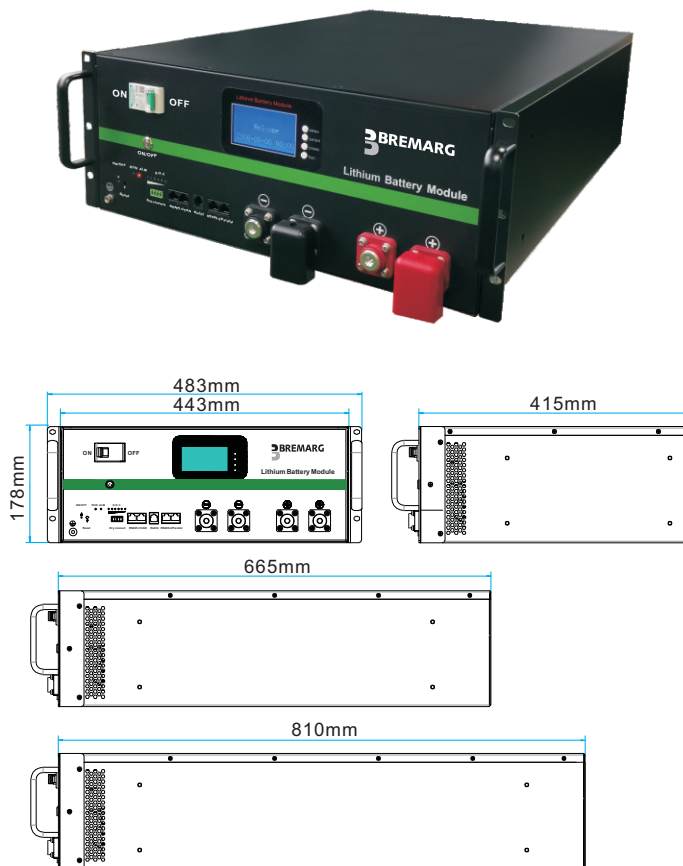
Rack / Wall Mount Lithium LiFePO4 Battery



Smart LFP series LiFePO4 Battery is a quality product developed for new backup power requirements. Built-in intelligent BMS to protect the battery pack and prolong service life. Modular design enables parallel installation for larger power back up.

Main Features ▼

- Cells cycle times 6000 cycles (+25°C 0.2C 80% DOD).
- Long lifespan: 5 years warranty, 10 years life design.
- 4U Rack-Mount or Wall Mount Bracket for parallel connection.
- Smart BMS system to optimize performance.
- Communication: RS485/SNMP/Wifi/Bluetooth, Compatible with different brands of Inverters.
- All around protection: such as SOC/SOH.
- High discharge rate currents, suitable for on-grid or off-grid solar system and other loads.
- Maximum of 16 battery packs can be connected in parallel.
- Front display to effectively know the status of the batteries.



Technical Parameter ▼

Model	Smart LFP 24-100	Smart LFP 51.2-100	Smart LFP 51.2-200
SPECIFICATION			
Battery Type	LiFePO4	LiFePO4	LiFePO4
Battery Model	25.6V100AH	51.2V100AH	51.2V200AH
Nominal Capacity(25℃, 0.2C)WH	2560Wh	5120Wh	10240Wh
Adjustable working voltage(Vdc)	22.4 ~ 29.2V	42 ~ 54.8V	42 ~ 54.8V
Folat Charge Voltage(Vdc)	28V	52.5V	52.5V
Max.Continuous discharge current(A)	100	100	100
Max.pulse discharge current(A)	150A 1Sec.	150A 1Sec.	150A 1Sec.
Max.Continuous charge current(A)	100	100	100
Cycle life(+25℃ 0.2C 80% DOD)	>5000 Cycles	>5000 Cycles	>5000 Cycles
Cell Equalizer Current(A)	0.1 ~ 5A Max.(optional)	0.1 ~ 5A Max.(optional)	0.1 ~ 5A Max.(optional)
Terminal	M6		
Storage duration	6 months at 25℃		
Safety standard	IEC62619,UN38.3,MSDS,CE		
Communication function	RS485/UART/SNMP/Wifi/Bluetooth(optional)		
Communicate with mainstream inverter	Growatt/Voltronic/GOODWE/Pylontech/Kstar/MUST etc.		
PROTECTION			
Protection	Overcharge protection\Overdischarge protection\Overcurrent protection\ Shortcircuit protection\Overtemperature protection		
AMBIENT			
Noise(dB)	<40dB(1 meter)		
Working temperature	-20℃ ~ +60℃		
Humidity	0 ~ 95%(no condensation)		
Altitude(m)	<3000		
DIMENSION			
L*W*H(product size)mm	L444*W483*H178mm	L665*W483*H178mm	L810*W483*H178mm
L*W*H(package size)mm	L523*W495*H243mm	L770*W523*H243mm	L920*W523*H243mm
Net Weight(Kg):	Approx.27.1kg	Approx.47.8kg	Approx.79.3kg
Gross Weight(Kg):	Approx.28.9kg	Approx.49.8kg	Approx.82.6kg

Additional Features (optional feature) LCD Display

Certifications: ISO9001, ISO 14001, UN 38.3, UL, CE, IEC, CTL, ROHS, Golden Sun Certification