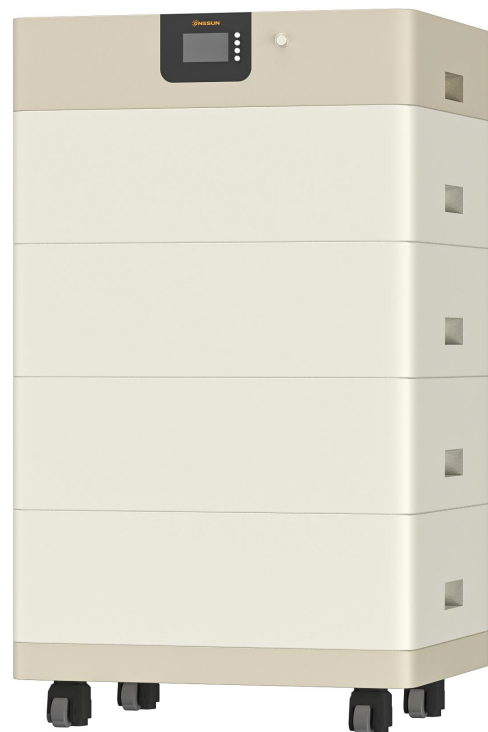


# Stackable Lithium Iron Battery

## Features



- **Quality and safety are our lifelines, and the cells are only from the top five suppliers in China.**
- **Unique BMS technology: BYD vehicle-grade BMS technology is used in the field of energy storage, making it outstanding.**
- **20 technological processes have strict inspection records, and quality information can be traced.**
- **High life cycle, the design life is more than 10 years, and the warranty is 5+5 years.**
- **Compatible with mainstream inverters, plug and play, host integrated combiner box.**
- **Support Bluetooth BT, expand power on demand and freely assemble, easy to install.**
- **Onesun has covered its battery with PICC (the People's Insurance Company of China).**
- **Stack up to 5 modules.**



**MSDS**

## Product Parameters

Model	SUNIZE-B51.2V100AH	SUNIZE-B51.2V200AH	SUNIZE-B51.2V300AH	SUNIZE-B51.2V400AH	SUNIZE-B51.2V500AH
Cell Type	LiFePO4				
Rated Capacity	100AH	200AH	300AH	400AH	500AH
Minimum Capacity	98AH	196AH	296A	396AH	496AH
Nominal Voltage	51.2V				
End-of-charge Voltage	58.0V±1.0V	58.4V			
End-of-discharge Voltage	40.5V±2.0V	40.0V			
MAX Charge Current	100A	200A	300A	400A	500A
MAX Continuous Discharge Current	100A	100A	150A	200A	250A
MAX Instantaneous Discharge Current	100A±5A/1S	200A	300A	400A	500A
Overcurrent Protection	120A±15A/100ms	120V			
Protection Function	OCVP / UVP / OCP / SCP / OTP etc.				
Communication Interface	RS485 / CAN				
Operating Temperature	Charging: 0°C~45°C Discharging: -10°C~60°C			Charging: 0°C~50°C Discharging: -15°C~60°C	
Storage Temperature	-5°C~35°C				
Cycle Life	≥6000 Times @ 80% DoD				
Storage Humidity	≤75% RH				
Standard Environmental	Temperature: 25°C±2°C ; Humidity: 45%~75%RH ; Atmospheric Pressure: 86KPA~106KPA				
Charge Connector	Quick Connector	M8 Terminal			
Discharge Connector	Quick Connector	M8 Terminal			
Shell Material	Metal				
Shell Color	White				
Size	585*360*165mm	585*460*360mm	585*460*540mm	585*460*720mm	585*460*900mm
Weight	Approx.42.4kg	Approx.92kg	Approx.138kg	Approx.184kg	Approx.240kg