

Rack Mount 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 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, 3U/4U/5U/7U optional.
- Support GPS positioning; Support 15 groups in parallel.
- Onesun has covered its battery with PICC (the People's Insurance Company of China).



Advantages



MSDS

Product Parameters

Model	SUNIZE-R48V50AH	SUNIZE-R51.2V50AH	SUNIZE-R24V100AH	SUNIZE-R48V100AH	SUNIZE-R51.2V100AH	SUNIZE-R48V150AH	SUNIZE-R51.2V150AH	SUNIZE-R24V200AH	SUNIZE-R48V200AH	SUNIZE-R51.2V200AH
Cell Type	LiFePO4									
Rated Capacity	50AH		100AH		150AH		200AH			
Minimum Capacity	46AH		96AH		146AH		196AH			
Nominal Voltage	48.0V	51.2V	24V	48.0V	51.2V	48.0V	51.2V	24V	48.0V	51.2V
End-of-charge Voltage	54.0V	58.0V	29.2V	54.0V	58.0V	54.0V	58.0V	29.2V	54.0V	58.0V
End-of-discharge Voltage	39.0V	40.0V	20.0V	39.0V	40.0V	39.0V	40.0V	20.0V	39.0V	40.0V
MAX Charge Current	25A/50A		50A	50A/100A		75A/100A		200AH		
MAX Continuous Discharge Current	50A		100A		150A/200A					
MAX Instantaneous Discharge Current	100A		200A		200A/300A					
Overcurrent Protection	120A									
Protection Function	OCVP / UVP / OCP / SCP etc.									
Communication Interface	RS485 / CAN / RS232 / BT (Optional)									
Operating Temperature	Charging: 0°C~50°C ; Discharging: -15°C~60°C									
Cycle Life	≥6000 Times @ 80% DoD									
Storage Temperature	-5°C~35°C									
Storage Humidity	≤75% RH									
Standard Environmental Condition	Temperature: 25°C±2°C ; Humidity: 45%~75%RH ; Atmospheric Pressure: 86KPA~106KPA									
Discharge Connector	M6 Terminal / M8 Terminal / 2P-Terminal (Optional)									
Charge Connector	M6 Terminal / M8 Terminal / 2P-Terminal (Optional)									
Shell Material	Metal									
Shell Color	Black (Optional)									
Size	442*400*90mm		485*320*130mm	422*450*133mm		422*400*223mm		485*450*130mm	442*680*133mm	
Weight	Approx.25kg	Approx.29kg	Approx.26kg	Approx.44kg	Approx.46kg	Approx.68kg	Approx.72kg	Approx.47kg	Approx.90kg	Approx.92kg