

Lead Acid Replacement 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. The Warranty is 5+5 years.**
 - **Compatible with mainstream inverters.**
 - **Support bluetooth connection, support 4 in series.**
- Onesun has covered its battery with PICC (the People's Insurance Company of China).**



MSDS

Product Parameters

Model	SUNIZE-L12V50AH	SUNIZE-L12V100AH	SUNIZE-L12V150AH	SUNIZE-L12V200AH	SUNIZE-L12V250AH	SUNIZE-L12V300AH	SUNIZE-L12V400AH	SUNIZE-L24V100AH	SUNIZE-L24V200AH	
Cell Type	LiFePO4									
Rated Capacity	50AH	100AH	150AH	200AH	250AH	300AH	400AH	100AH	200AH	
Minimum Capacity	46AH	96AH	146AH	196AH	246AH	296AH	396AH	96AH	196AH	
Nominal Voltage	12.8V							25.6V		
End-of-charge Voltage	14.6V							29.2V		
End-of-discharge Voltage	10.0V							20.0V		
MAX Charge Current	25A	50A / 100A	75A	100A	100A/150A	100A/150A	100A/200A	50A	100A/200A	
MAX Continuous Discharge Current	50A	100A	150A	100A/200A	100A/200A	100A/200A	100A/200A	100A	100A/200A	
MAX Instantaneous Discharge Current	100A	200A	200A	200A	200A/300A	200A/300A	200A/300A	200A	200A/300A	
Overcurrent Protection	120A									
Protection Function	OCVP / UVP / OCP / SCP etc.									
Communication Interface	RS485 / 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	LiFePO4	M8 Terminal								
Charge Connector	LiFePO4	M8 Terminal								
Shell Material	Plastic									
Shell Color	Black (Optional)									
Size	230*138*208mm	330*175*215mm	485*170*240mm	525*240*220mm	525*270*220mm			525*240*220mm	525*270*220mm	
Weight	Approx.6kg	Approx.11.5kg	Approx.17kg	Approx.21.5kg	Approx.28kg	Approx.29.5kg	Approx.38.5kg	Approx.21.5kg	Approx.38.5kg	