Products



1024Wh Battery　LS-L1024/LS-L1024-H

- A+ Grade Lithium Iron Phosphate Battery Cells
- Flexible stacking, expand capacity as needed
- Suitable for all scenarios, one battery for multiple uses

The LS-L1024 / LS-L1024-H energy storage battery features a single-pack capacity of 1024Wh and utilizes A+ grade lithium iron phosphate cells. Its metal casing is sturdy and weather-resistant, with an IP65 protection rating. It supports stacking of up to six packs, allowing for expansion up to 6144Wh to flexibly meet a variety of power needs. The LS-L1024-H model features a built-in low-temperature heating and fire suppression module, which not only actively prevents thermal runaway but also completely resolves the issue of being unable to charge at temperatures below 0°C, ensuring normal charging and stable operation even in extremely cold environments. This single battery is suitable for multiple scenarios, including grid-tied, off-grid, and portable outdoor use, offering safety, durability, and all-weather reliability.

Products



2048Wh Battery LS-L2048/LS-L2048-H

- A+ Grade Lithium Iron Phosphate Battery Cells
- Flexible stacking, expand capacity as needed
- Suitable for all scenarios, one battery for multiple uses

The LS-L2048 / LS-L2048-H energy storage battery pack has a single-pack capacity of 2048Wh and uses A+ grade lithium iron phosphate batteries. Its metal casing is robust and durable, waterproof and dustproof, with an IP65 protection rating. This battery supports stacking of up to three battery packs, expanding to a maximum capacity of 6144Wh to flexibly meet various power needs. The LS-L2048-H model incorporates a low-temperature heating and fire suppression module, which not only actively prevents thermal runaway but also completely solves the problem of inability to charge below 0°C, ensuring normal charging and stable operation even in extremely cold environments. This single-pack battery is suitable for various scenarios, including grid-connected, off-grid, and portable outdoor use, combining safety, durability, and all-weather reliability.

Product Specification

Model	LS-L1024	LS-L2048
Rated Capacity	1024Wh	2048Wh
Rated Voltage	51.2V	
Operating Voltage Range	40~58.4V	
Battery Type	LiFeP04	
Dimension (L*W*H)	320*200*196mm	320*200*346mm
Weight	9.45kg	17.5kg
Compatible	6	3
Operating Temperature Range	-20°~60°	
Protection Class	IP65	
Cooling	Natural cooling	
Warranty	5 Years	
Cycles	6000	
Protocol Type	CAN/RS-485	
Certifications	CE(EMC, GPSR), RoHS, UKCA, UN38.3, MSDS	

Model	LS-L1024	LS-L2048
Standards	EN IEC 62619: 2022;EN IEC 61000-6-1:2019;EN IEC 61000-6-2:2019;EN IEC 61000-6-3:2021;EN IEC 61000-6-4:2019;IEC 62321-3-1:2013;IEC 62321-4:2013+AMD1:2017;;IEC 62321-5:2013;IEC 62321-7-1:2015;;IEC 62321-7-2:2017;IEC 62321-6:2015;IEC 62321-8:2017	