

# 12V/24V Series Lead Acid Replacement 12V/24V 铅改锂系列

## Product Features:

- 12V / 24V standard module battery.
- High power density, Stability and Long service life.
- It has low power consumption design, long battery life, 1.5 times the energy density of lead-acid batteries, and long cycle life can reach more than 6000 times.
- Low internal resistance and flow force circuit design.
- The initial cell performance, dynamic charge & discharge, high and low temperature characteristics, charge & discharge curves with very good consistency from Grade A LiFePO4 Cells.
- It has wide applicability and supports the use of batteries in series.

- 12V/24V标准模块电池
- 能量密度高, 稳定性好, 使用寿命长
- 低功耗设计, 电池寿命长, 能量密度是铅酸电池的1.5倍, 循环寿命可达6000次以上。
- 低内阻和流动力电路设计。
- A级电芯的初始电芯性能、动态充放电、高低温特性、充放电曲线一致性非常好
- 应用场景广泛, 支持电池串联使用。

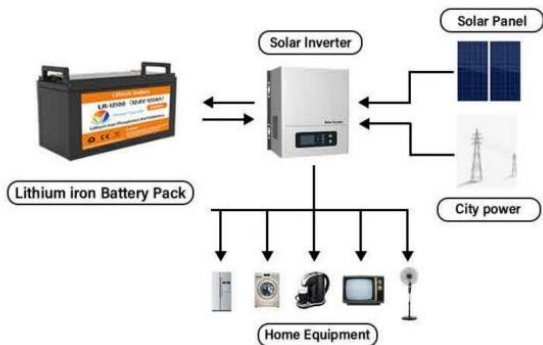


## Suitable Applications

- ◆ Perfect for Solar System, Back Up Power, Home, RVs, Golf Cart, Marine, Boat & Fishing, campers, motor homes, and off-grid cabin.

### 适用场景:

- ◆ 非常适合太阳能系统、备用电源、家庭、房车、高尔夫球车、轮船、船钓、露营者、和离网小屋。



## Product Parameters 产品参数

型号 Model	LL-001 24100	LL-002 12100	LL-003 1250	LL-004 12150	LL-005 12200	LL-006 12300	LL-008 24200
电芯材质 Core Material	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
电芯使用品牌 Cell Use Brand	BYD/EVE/CATL 100Ah	BYD/EVE/CATL 100Ah	Gotion 52Ah	YuHuang 50Ah	BYD / EVE 3.2V100Ah	BYD/EVE/CATL 100Ah	BYD/EVE/CATL 100Ah
额定 Rated Voltage	25.6V	12.8V	12.8V	12.8V	12.8V	12.8V	25.6V
并串方式 Series Parallel Mode	8S1P	4S1P	4S1P	4S3P	4S2P	4S2P	8S2P
额定容量 Rated Capacity	100Ah@0.2C	100Ah@0.2C	50Ah@0.2C	150Ah@0.2C	200Ah@0.2C	300Ah@0.2C	200Ah@0.2C
BMS保护板 BMS System	100A	100A	50A	100A	100A	200A	100A
额定功率 Rated Power	2560Wh	1280Wh	640Wh	1920Wh	2560Wh	3840Wh	5120Wh
循环寿命 Cycle Life	>6000 times @ 25°C	>6000 times @ 25°C	>3000 times @ 25°C	>3000 times @ 25°C	>6000 times @ 25°C	>3000 times @ 25°C	>6000 times @ 25°C
充电工作温度范围 Charge Working Temperature Range	0~+50°C						
放电工作温度范围 Discharge Working Temperature Range	-20~+55°C						
存储环境 Storage Environment	25±5°C						
防尘防水等级 Water Dust Resistance	IP65	IP65	IP65	IP65	IP65	IP65	IP65
盒子材质 Case Material	Plastic						
净重 Net Weight (KGS)	19KGS	11.5KGS	5.3KGS	15.8KGS	19KGS	23KGS	36KGS
尺寸: Dimension (L*W*H) (mm)	520*269*220	248*157*194	198*166*170	355*175*188	520*240*218	520*240*218	520*269*220

## Advantages of Lithium Batteries 锂电池的优势

Compared with lead-acid batteries, lithium batteries have a significantly longer lifespan, are smaller in size, are very lightweight, can be charged quickly, and are less expensive, reducing the investment in UPS power equipment and making them more cost-effective. 12V LiFePO4 Battery offers up to 20 times longer cycle life, helping to minimize replacement

与铅酸电池相比, 锂电池的寿命更长, 体积更小, 非常轻便, 可以快速充电, 而且价格便宜, 减少了对UPS电源设备的投资, 更具性价比。12V LiFePO4 电池的循环寿命是铅酸电池的 20 倍, 有助于最大限度地降低更换成本并降低拥有总成本。

## APPLICATION 应用领域

