



磷酸铁锂电池
Lithium iron phosphate battery

产品特性 · Product features

- 大容量，高强度金属外壳磷酸铁锂电池，足容量
- Large capacity, high-strength metal shell lithium iron phosphate battery, sufficient capacity
- 过充保护、过流保护、过温保护、短路保护
- Overcharge protection, overcurrent protection, overtemperature protection, short circuit protection
- 充电均衡功能
- Charging equalization function
- 自耗电低
- Low self-consumption

应用范围 · Application

- 1.家庭储能系统
- 1.Home solar system
- 2.不间断电源UPS /EPS
- 2.UPS/EPS
- 3.紧急备用电源
- 3.Emergency backup power supply
- 4.通信系统
- 4.Communication system
- 5.5G 通讯基站
- 5.5G communication base station

产品特点 · Product Characteristic

采用高稳定性的磷酸铁锂电池，通过了 CE、UL 认证，安全可靠；采用高强度金属外壳磷酸铁锂电池，足容量；拥有过充保护、过流保护、过温保护、短路保护；充电均衡功能；自耗电低。

Using Highly Stable Lithium Battery, With CE,UL Certification;Used high-strength metal shell lithium iron phosphate battery, sufficient capacity;Overcharge protection, overcurrent protection, overtemperature protection, short circuit protection;Charging equalization function;Low self-consumption

技术参数 · Product specifications

型号(Model)	LP50AH	LP100AH	LP200AH	LP300AH
电芯化学式 Cell chemical formula	LiFePO4			
最大连续放电电流 Maximum continuous discharge current	100A			
可用容量 Available capacity	640Wh	1280Wh	2202Wh	3840WhWh
额定电压 Rated voltage	12.8VDC			
电压范围 Voltage range	10V-14.6VDC			
最大输出功率 Maximum output power	640W	1280W		
最大充电电压 Maximum charging voltage	14.6V±0.2VDC			
推荐充电电压 Recommended charging voltage	14.4V±0.2VDC			
推荐充电电流 Recommended charging current	50A	50A	100A	100A
循环次数（常温标准充放电） Number of cycles (standard charge and discharge at room temperature)	≥5000次(times)			
低功耗 Low power mode	≤45uA			
防水等级 Waterproof grade	IP64			
电池放电深度（DOD） Battery discharge depth (DOD)	≥95%			
Modules连接 Modules connect	1-5			
保护 Protection	过充，过流，过压，过放，短路，高温保护 Over charge, Over Current, Over Voltage, Over Discharge, Short Circuit, High Temperature			
外壳材质 Casing material	ABS			
工作温度范围 Operating temperature range	放电(Discharge): -10°C - + 50°C ; 充电(Charge): +0°C - + 60°C			
存储温度 Storage temperature	>1个月(1 month), 0-35°C; ≤1个月(1 month), -20-45°C			
重量 N.W/ KG	8kg	11kg	15kg	20kg
深 × 宽 × 高 L x W x H(mm)	229*138*208mm	330*173*217mm	330*173*217mm	520*269*220mm