



机架式锂电池
Rack Mount Lithium 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
- 充电均衡功能(SOC(电池当前储存情况)、SOH(电池当前健康情况)估算功能)
- LED状态指示功能、LED实时显示SOC功能
- 低功耗, 且具有多种休眠及唤醒方式
- 可调过流保护、短路保护、蜂鸣器报警
- 高电压精度(<20mV)、高电流精度(<2%@FS)、电池温度检测(<2°C)
- 具备并联通讯功能, RS485通讯及上位机监控功能, 以及CAN通讯
- 具备电池组容量及循环次数计算功能
- High-strength metal shell Lifepo4 battery with Large and sufficient capacity
- Charging equalization function with SOC and SOH estimation function
- LED with status indication function and real-time display SOC function
- Low power consumption, and has a variety of sleep and wake-up modes
- Adjustable overcurrent protection, short circuit protection, buzzer alarm
- High voltage accuracy (<20mV), high current accuracy (<2%@FS), battery temperature detection (<2°C)
- With parallel communication, RS485, host computer monitoring and CAN communication
- With battery pack capacity and cycle count calculation function

通讯协议厂家 · Communication protocol



应用范围 · Application



家庭储能系统
Home solar system



不间断电源
UPS/EPS



紧急备用电源
Emergency backup power supply



通信系统
Communication system



5G 通讯基站
5G communication base station

技术参数 · Product specifications

型号(Model)	LR100AH 51.2VTA	LR230AH 51.2VTA
电芯化学式 Cell chemical formula	LiFePO4	
最大连续放电电流 Maximum continuous discharge current	100A	100A/200A
可用容量 Available capacity	5120Wh	11776Wh
额定电压 Rated voltage	51.2VDC	
电压范围 Voltage range	43.2V-58.4VDC	
最大输出功率 Maximum output power	5120W	5120W/10240W
最大充电电压 Maximum charging voltage	58.4V ± 0.2VDC	
推荐充电电压 Recommended charging voltage	57.6V ± 0.2VDC	
推荐充电电流 Recommended charging current	50A	100A/115A
循环次数 (常温标准充放电) Number of cycles (standard charge and discharge at room temperature)	≥6000次(times)	
低功耗 Low power mode	工作自损耗(Work self depletion)≤50mA, 低功耗模式(Low power mode)<200uA	
通讯 Communication	标配(Standard configuration)RS232、RS485、CAN	
电池放电深度 (DOD) Battery discharge depth (DOD)	≥95%	
Modules连接 Modules connect	1-15	
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	
显示屏 Display screen	LED灯带显示+LCD显示屏(LED Light strip display + LCD display)	
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	50kg	100kg
深 × 宽 × 高 L x W x H(mm)	450*440*132mm	/