

## 51.2V280AH LiFePO4 battery

51.2V280AH立式磷酸铁锂电池, 能量密度高, 外观时尚, 安装与扩展便捷, 广泛应用于电信基站、商业储能、不间断电源 (UPS) 以及家庭储能系统。

51.2V280AH LiFePO4 battery, high energy density, stylish appearance, easy to install and expand, widely used in telecom base stations, commercial energy storage, UPS, Residential energy storage systems.



▲ 图片仅供参考  
This picture is for reference only

## 产品介绍 Product Description

数字监控系统 APP  
逆变器兼容性高  
可靠的 LFP 电池

Digital monitoring system APP  
High inverter compatibility  
Reliable LFP cells

CANbus 标准连接  
自然冷却系统  
防护等级 IP20

CANbus standard connection  
Natural cooling system  
IP20

## 产品特点 Product Features



过充保护

Overcharge protection



过压保护

Overvoltage protection



过流保护

Overcurrent protection



循环使用

Recycling



低自放电

Low Self-Discharge



性能稳定

Stable performance

## 产品参数 Product parameters

|  |   |
|--|---|
| 产品型号<br>Model                                | HZL-L-51.2-300P                                 |
| 标称电压<br>Nominal voltage                      | 51.2V   |
| 标称容量<br>Nominal capacity                     | 280Ah/14336Wh                                   |
| 电芯类型<br>Cell type                            | 磷酸铁锂(LiFePO <sub>4</sub> )                      |
| 充电截止电压<br>Charging cut-off voltage           | 57.6V   |
| 放电截止电压<br>Discharge cut-off voltage          | 43.2V   |
| 最大持续放电电流<br>Max-continuous discharge current | 200A  |
| 瞬间放电电流<br>Instantaneous discharge current    | 400A  |
| 显示屏 (选配)<br>Display                          | LCD显示屏/触摸屏<br>LCD or touchscreen display screen |
| 标准充电电流<br>Standard charging current          | <100A   |
| 标准放电电流<br>Standard discharge current         | 100A  |
| 充电适合温度<br>Storage temperature                | 0°C~60°C  |
| 放电适合温度<br>Operating temperature              | - 20°C~60°C                                     |
| 质保时间<br>Design life                          | 5Years  |
| 循环次数<br>Cycle life                           | >6000 90%DOD                                    |
| 电池组尺寸<br>Battery pack size                   | 500*260*932mm                                   |
| 电池组净重/毛重<br>Battery packN.W./G.W.            | 135kg/157kg                                     |
| 通讯接口<br>Communication interface              | CAN/RS232/RS485                                 |
| 冷却方式<br>Cooling method                       | 自然冷却Air cooling/active balancing                |