



# Cylindrical LIFEP04 Battery Specification

## 圆柱型磷酸铁锂电池规格书

**MODEL/型号: IFR 32700 36Ah 32v 10串6并 (10S6P)**

### Product Specification (产品技术规格)

Rated Capacity 额定容量	36Ah
Nominal Voltage 正常电压	32v
Voltage at end of Discharge 放电终止电压	25V
Charging Voltage 充电电压	36.5V
Internal Impedance 内阻	≤120mΩ
Cell 单体电芯	IFR 32700 3.2V 6000mAh
Standard charge 标准充电	Constant Current 0.2C <sub>5</sub> A Constant Voltage 14.6V 0.01 C cut-off 持续电流：0.2C <sub>5</sub> A 持续电压：14.6V 截止电流：0.01 C
Standard discharge 标准放电	Constant current 0.2C <sub>5</sub> A end voltage 10.0V 持续电流：0.2C <sub>5</sub> A 截止电压：10.0V
Maximum Continuous Charge Current 最大充电持续电流	1.0 C
Maximum Continuous Discharge Current 最大放电持续电流	1.5 C
Operation Temperature Range 工作温度范围	Charge (充电) : 0~45°C Discharge (放电) : -10~60°C
weight 重量	10.6kg

### BMS Specification (BMS 保护板规格)

Cell overcharge detection voltage 过充电检测电压	3.70V±50mV
Cell overcharge recovery voltage 过充电恢复电压	3.65V±100mV
Cell over-discharge detection voltage 过放电检测电压	2.00V±100mV
Cell over-discharge recovery voltage 过放电恢复电压	2.50V±100mV
Rated operational charge current 工作电流	20-30A
Over current detection 过流检测值	50±10A
PCM impedance 线路板内阻	≤50mΩ
dle mode 静态模式	≤50uA

ABS shell size PVC 外壳尺寸 **D\*L 150mm \* 380mm**