

Product Specifications Sheet 产品规格表

Model Description 型号规格: LFP12380C1/280mAh/3.20V

No.	Item	Specification	Note
1	Limited Charge Voltage 充电限制电压	3.65V	
2	Charge Voltage Upper Limit 充电上限电压	3.70V	
3	Nominal Voltage 标称电压	3.20V	
4	Minimum Capacity (Rated capacity) 最小容量	280mAh	Capacity measurement: Charge: Charge with 0.2C _{5Amin} constant current to 3.65V, then 3.65V constant voltage charge until charge current is reduced to cut off limit 0.02 C _{5Amin} . Discharge: 0.2 C _{5Amin} discharge to 2.50V. 容量测试方法: 充电: 用 0.2 C _{5Amin} 恒流充电至 3.65V, 保持 3.65V 恒压充电直到充电电流达到截止电流 0.02 C _{5Amin} 。 放电: 0.2 C _{5Amin} 恒流放电至 2.50V。 ※ Temperature: 25°C ± 2°C. ※ 环境温度: 25°C±2°C。
5	Standard Charge Current 标准充电电流	0.2 C _{5Amin}	
6	Max Charge Current 最大充电电流	5.7 C _{5Amin}	
7	Standard Discharge Current 标准放电电流	0.2 C _{5Amin}	
8	Max Discharge Current 最大放电电流	2500mA	
9	Discharge Cut-off Voltage 放电截止电压	2.50V	
10	AC IR 交流内阻	≤60mΩ	
11	25±2°C Cycle Life 常温循环寿命	≥8000 Times (Pulse Discharge)	The capacity retention ≥ 80%
12	Operation Temperature 工作温度	-20°C~ +60°C	Discharge temperature range 放电温度范围
		0°C~ +45°C	Charge temperature range 充电温度范围

Above parameters are for reference only, AUCOPO may adjust the parameters in line with different application and project, please contact our sales for final specification.

以上所示参数仅供参考, 万宝公司可能根据应用和项目的具体要求调整以上参数, 请联系我们的销售人员确认最终的电芯参数规格。

地址: 福建省漳州市南靖县靖城镇 319 线 198 号 邮编:363601

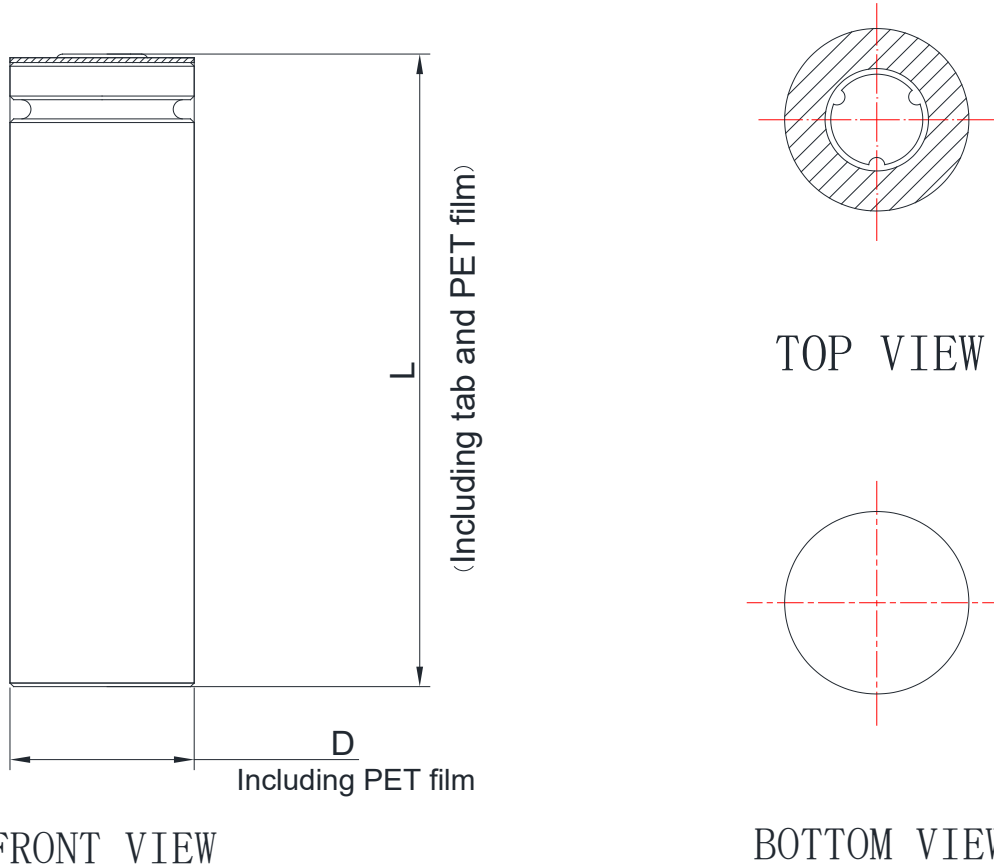
Add: No.198, Highway 319, Jingcheng, Nanjing, Zhangzhou, Fujian Province, PR. China. Zip code:363601

电话(Tel):0596-7666111 传真(Fax):0596-7666222 网址(Website): www.aucopo.com

13	Allowable Temperature and Humidity Range 允许温度和湿度范围	Over 3 month : -20~27°C Less than 3 month:-20~35°C Less than 1 month: -20~45°C	Relative Humidity: ≤75%. Recommended storage at 30%~50%SOC. 相对湿度: ≤75%。 建议电芯在 30%~50%电量下储存。
14	Weight 重量	About 14.00g	

Cell Dimensional Drawing 电芯尺寸图

Not in scale (未按比例)



项目 Items	描述 Description	尺寸和规格 Dimension and Spec
D	Diameter 直径	12.60mm Max
L	Length 长	38.00mm Max

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