Li-Polymer Battery

LithoTop

Your One-Stop Custom Battery Solution Partner

Drawing:



Item 项目		Rating 参数	Note 标注
1.1 Capacity 容量	Typical 标称容量	430 mAh	Temperature/温度：25±5℃ Charge/充电：0.2C Discharge/放电：0.2C
	Minimum 最小容量	420 mAh	
1.2 Nominal Voltage 标称电压		Average 3.8V	
1.3 AC Impedance Resistance 内阻		≤110mΩ	Cell
		≤200mΩ	Battery Pack
1.4 Discharge Cut-off Voltage 放电截止电压		3.0V	
1.5 Charge voltage 充电限制电压		4.35V	Cut-off current≤8.6mA
1.6 Max Charge Continuous 最大充电电流		430mA	+10~+45℃
1.7 Max Discharge Continuous 最大连续放电		430mA	+10~+45℃
1.8 Weight / 重量		Approx 9g	
1.9 Cycle Life 循环寿命		300 cycles	Capacity ≥80%
1.10 Shipping Voltage / 出厂电压		3.8-4.1V	
1.11 Operating Temperature 工作温度	Charge 充电	0~+45℃	Max Charge:430mA
	Discharge 放电	-20~+60℃	Max Discharge:430mA

Model Name: 653027-430mAh

Battery size: 6.5*30*30mm	Wire (L1) 31±5mm (UL3302 28#)	Connector: Molex5037640201
Overcharge detection voltage 过充电检测电压:	4.405--4.445V	
Overdischarge detection voltage 过放电检测电压:	2.450--2.550V	
Overcurrent protection current 过电流保护电流:	2~5A	
NTC:	MOS: PT8205	
IC: DS3001-DAG		

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