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Li-ion Rechargeable Battery Data Sheet **of** **KP Protected 16340 800mAh RCR123A**

No.	Item	Details	Remarks
1.1	Product Name	Keppower RCR123A	
1.2	Supplier	Keppower Technology Co., Limited	
1.3	Cell	ICR16340 800mAh made in China	
1.4	Capacity	Min.:800mAh; Normal:850mAh	Discharge:0.2C at 20°C
1.5	Normal Voltage	3.70V	
1.6	Standard Charge voltage	4.20±0.05V	Full Charged Voltage
1.7	Standard Charge current	170mA	
1.8	Charge Time(Std.)	5.0hours	
1.9	Standard Discharge Cut-off Voltage	2.75±0.05V	
1.10	Standard Discharge current	170mA	
1.11	Internal Resistance	≤100mΩ	
1.12	Maximum Discharge current	1.7A	
1.13	Over Current	3-4A	
1.14	Short Detection Delay Time	150 - 540us	
1.15	Storage Temperature	-20°C ~ +45°C	Less than 3 months
1.16	Operating Temperature	Charge: 0°C ~ 45°C Discharge: -20°C ~ 60°C	
1.17	Weight	Max 20g	
1.18	Size	(L)34.0mm*(D)16.5mm(±0.3mm)	
1.19	Cycle Life	Over 500 cycles	