



# KEEPOWER TECHNOLOGY CO., LIMITED

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## Li-ion Rechargeable Battery Data Sheet of KP Protected 14500 1000mAh P1450C2

No.	Item	Details	Remarks
1.1	Product Name	Keppower P1450C2	
1.2	Supplier	Keppower Technology Co., Limited	
1.3	Cell	ICR14500	
1.4	Capacity	Min.:950mAh; Normal:1000mAh	Discharge:0.2C at 20°C
1.5	Normal Voltage	3.70V	
1.6	<b>Standard Charge voltage</b>	<b>4.20±0.05V</b>	Full Charged Voltage
1.7	Standard Charge current	500mA	
1.8	Charge Time(Std.)	2.5hours	
1.9	Standard Discharge Cut-off Voltage	2.50±0.063V	
1.10	Standard Discharge current	500mA	
1.11	Standard Discharge cut off current	30mA	
1.12	Maximum Discharge current	3A	
1.13	Over Current	4-6A	
1.14	Short Detection Delay Time	230 - 500us	
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 23g	
1.18	Size	(L)53.0mm*(D)14.5mm(±0.2mm)	
1.19	Cycle Life	Over 500 cycles	