


SPECIFICATIONS:

1 TYPE:	TYPEPEC Rechargeable Li-ion Battery		
2 MODEL NUMBER:	P2150TC		
3 BATTERY CAPACITY:	Nom. 5000mAh discharge at 0.2C Min. 4900mAh discharge at 0.2C		
4 NOMINAL VOLTAGE:	3.6V		
5 OVER CHARGE PROTECTION VOLTAGE:	4.2V		
6 OVER DISCHARGE PROTECTION VOLTAGE:	2.5V		
7 OVER CURRENT PROTECTION CURRENT:	≥10A		
8 STANDARD DISCHARGE CURRENT:	970mA		
9 MAXIMUM CONTINUOUS DISCHARGE CURRENT:	8A		
10 MAXIMUM SIZE:	21.8(D)X76.7(L)mm		
11 INTERNAL RESISTANCE:	≤60mΩ		
12 MAXIMUM WEIGHT:	72g		
13 OPERATION TEMPERATURE:	0°C~+45°C	CHARGE	
	-20°C~+55°C	DISCHARGE	
14 STORAGE TEMPERATURE:	-20°C~+50°C	Less than 1 month	
	-20°C~+40°C	Less than 3 months	
	-20°C~+20°C	Less than 1 year	
15 CHARGE BY LITHIUM-ION BATTERY CHARGER			
STANDARD CHARGE CURRENT:	970mA		
MAXIMUM CONTINUOUS CHARGE CURRENT:	4850mA		
16 CHARGE BY TYPE C USB			
INPUT CHARGE VOLTAGE	5.00±0.50V		
INPUT CHARGE CURRENT	≥2.0A		
USB INTERNAL CURRENT (CC)	1500±200mA	RED LIGHT ON	
USB INTERNAL VOLATGE (CV)	4.20±0.05V		
USB FULL CHARGE CUT OFF CURRENT	<150mA	BLUE LIGHT ON RED LIGHT OFF	

CAUTION:

- Do not short circuit the battery or dispose of in fire.
- Do not immerse the battery in water or other liquids.
- Do not disassemble.
- Where a connector is present ensure connector polarity is correct.
- Keep the battery out of reach of children.

TEM NO.	DESCRIPTION	QTY.	REVISIONS			
			REV.	DESCRIPTION	DATE	APPROVED
1	Cell Samsung INR21700-50E	1				
2	Safety Circuit-PCM With Type-C	1	A0	DP-111572-50M001	2025/03/12	Ray
3	Label	1				
4	Button Top	1				

 KEEPPower TECHNOLOGY CO., LIMITED www.keppower.com info@keppower.com +86 769 82953418		
CHECKED		
Keppower P2150TC 21700 3.6V 5000mAh Battery		
PART NUMBER	SIZE	SHEET
P2150TC	A4	1 OF 1