



SPECIFICATIONS:

1 TYPE:	TYPEPEC Rechargeable Li-ion Battery		
2 MODEL NUMBER:	P2160TC		
3 BATTERY CAPACITY:	Nom. 6000mAh discharge at 0.2C Min. 5800mAh 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 CHARGE CURRENT:	1200mA		
9 MAXIMUM CONTINUOUS CHARGE CURRENT:	4200mA		
10 STANDARD DISCHARGE CURRENT:	1200mAh		
11 MAXIMUM CONTINUOUS DISCHARGE CURRENT:	10A		
12 MAXIMUM SIZE:	22.0(D)X77.0(L)mm		
13 INTERNAL RESISTANCE:	≤45mΩ		
14 MAXIMUM WEIGHT:	77g		
15 OPERATION TEMPERATURE:	0°C~+45°C	CHARGE	
	-20°C~+60°C	DISCHARGE	
16 STORAGE TEMPERATURE:		Less than 1 month	
	-20°C~+40°C	Less than 3 months	
	-20°C~+20°C	Less than 1 year	

17 LED INDICATOR (TYPE C DISCHARGE)

ELECTRICITY/VOLTAGE	LED 1	LED 2	LED 3
66-100% / ≥3.84V	ON	ON	ON
33-66% / 3.54-3.84V	ON	ON	OFF
5%-33% / 3.15-3.54V	ON	OFF	OFF
1%-5% / 3.00-3.15V	FLASHING	OFF	OFF
0% / <3.00V	OFF	OFF	OFF

18 LED INDICATOR (TYPE C CHARGE)

ELECTRICITY/VOLTAGE	LED 1	LED 2	LED 3
100% / ≥4.20V	ON	ON	ON
66-99% / 3.97-4.20V	ON	ON	FLASHING
5%-33% / 3.69-3.97V	ON	FLASHING	OFF
0%-33% / 0-3.69V	FLASHING	OFF	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			
1	Cell 21700-E600	1	REV.	DESCRIPTION	DATE	APPROVED
2	Safety Circuit-PCM With Type-C	1	A0	DP-111570-70M001	2025/03/12	Ray
3	Label	1				
4	Button Top	1				



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CHECKED

Keppower P2160TC 21700 3.6V 6000mAh Battery

PART NUMBER

P2160TC

SIZE

A4

SHEET

1 OF 1