

# **SPECIFICATIONS:**


1 TYPE:	Protected Li-ion Rechargeable Battery	
2 MODEL NUMBER:	P1838C (+ - in positive pole)	
3 BATTERY CAPACITY:	Nom. 3800mAh discharge at 0.2C Min. 3650mAh 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:	25-35A	
8 SHORT CIRCUIT PROTECTION DELAY TIME:	196~364us	
9 STANDARD CHARGE CURRENT:	1900mA	
10 MAXIMUM CONTINUOUS CHARGE CURRENT:	3800mA	
11 STANDARD DISCHARGE CURRENT:	3800mA	
12 MAXIMUM CONTINUOUS DISCHARGE CURRENT:	7600mA	
13 MAXIMUM SIZE:	18.9(D)X69.5(H)mm	
14 INTERNAL RESISTANCE:	≤ 50mΩ	
15 MAXIMUM WEIGHT:	49g	
16 OPERATION TEMPERATURE:	0°C~+45°C	CHARGE
	-20°C~+60°C	DISCHARGE
17 STORAGE TEMPERATURE:	-20°C~+60°C	Less than 1 month
	-20°C~+45°C	Less than 3 month

# **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.

# **NOTES:**

- BATTERY WITH BUILT IN PROTECTION CIRCUIT WHERE OFFER OVER DISCHARGE, OVER CHARGE AND SHORT CIRCUIT.
- LABEL MUST BE PLACED ON BATTERY IN POSITION SHOWN ABOVE.

TEM NO.	DESCRIPTION	QTY.	REVISIONS				<b>KEEPPOWER TECHNOLOGY CO., LIMITED</b>  www.keppower.com Email: info@keppower.com Tel: +86 769 82953418		
1	Cell 18650-E380	1	REV.	DESCRIPTION	DATE	APPROVED	CHECKED Keeppower 18650 3.6V 3800mAh 13.68Wh Battery PART NUMBER <b>P1838C (+ - in positive pole)</b>		
2	KP-1600-RA Safety Circuit-PCM	1	A0	DP-111460-38M001	2025/09/17	Ray			
3	Black Heat Shrink	1							
4	Label P1838C-EU	1							
								SIZE A4	SHEET 1 OF 1