



## SPECIFICATIONS:

|    |                                       |  |
|----|---------------------------------------|--|
| 1  | TYPE:                                 | Protected Li-ion Rechargeable Battery                                    |
| 2  | MODEL NUMBER:                         | P1838C (+ - in positive pole)  |
| 3  | BATTERY CAPACITY:                     | Nom. 3800mAh discharge at 0.2C<br>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:                  | $\leq 50m\Omega$   |
| 15 | MAXIMUM WEIGHT:                       | 49g  |
| 16 | OPERATION TEMPERATURE:                | 0°C~+45°C      CHARGE<br>-20°C~+60°C      DISCHARGE                      |
| 17 | STORAGE TEMPERATURE:                  | -20°C~+60°C      Less than 1 month<br>-20°C~+45°C      Less than 3 month |

**CAUTION:**

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

**NOTES:**

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

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