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## High Drain Rechargeable Battery Datasheet

Of

### KeepPower Protected 26650 6000mAh

#### 1. Specification

|      |                                        |                                                                                   |
|------|----------------------------------------|-----------------------------------------------------------------------------------|
| 1.1  | Rated Charge(0.5C)                     | 3A CC charge to 4.2V, then 4.2V CV charge until current less than 50mA at 23±2°C. |
| 1.2  | Recommended charge                     | Reference 2A                                                                      |
| 1.3  | Rated discharge(0.2C)                  | Constant 1.2 A discharge until 2.5V at 23±2°C.                                    |
| 1.4  | Discharge cut-off voltage              | 2.5V<br>(End of discharge voltage after recommended charge).                      |
| 1.5  | Rated capacity                         | 5950mAh (Rated discharge (0.2C) capacity after recommended charge.)               |
| 1.6  | Minimum capacity                       | 5850mAh (Rated discharge (0.2C) capacity after recommended charge.)               |
| 1.7  | Nominal voltage                        | 3.7V                                                                              |
| 1.8  | Voltage of leave factory               | 3.8V - 3.9V (Approximate state of charge = 50~80%)                                |
| 1.9  | Internal resistance of leave factory   | <90mΩ<br>(By resistance meter with AC 1 kHz.)                                     |
| 1.10 | Maximum charge voltage                 | 4.2±0.05V(Acceptable maximum voltage)                                             |
| 1.11 | Charging time                          | Rated charge: 240min Reference 2A                                                 |
| 1.12 | Operating temperature                  | Charging: 0~45°C<br>Discharging: -20~60°C                                         |
| 1.13 | Storage temperature                    | 1 year: -20~25°C<br>3 months: -30~45°C                                            |
| 1.14 | Maximum continuous discharging current | 10A(Acceptable maximal continuous discharging current)                            |
| 1.15 | Dimension                              | (D)26.80*(H)69.00mm                                                               |
| 1.16 | Weight                                 | 99.0±1.0g                                                                         |