

# SBS-503040

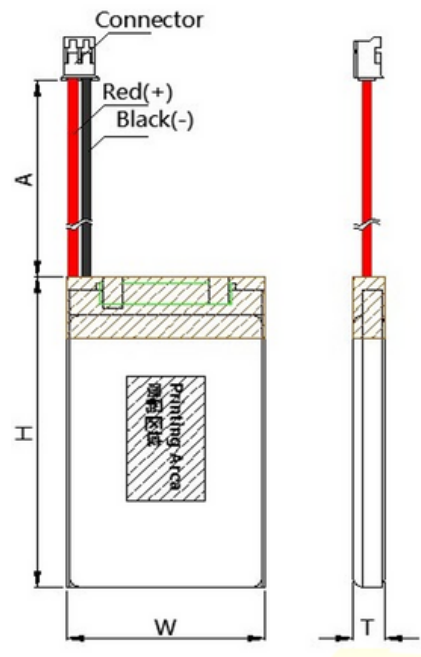
## 600mAh

The SBS 503040-600 is a 3.7V, 600mAh Li-Polymer rechargeable battery pack in a 1S1P configuration. It features a built-in protection circuit that safeguards the battery against deep-discharging, over-charging, and short circuits

### Electrical Characteristics:

|                                       |            |
|---------------------------------------|------------|
| Rated Capacity                        | 600mAh     |
| Nominal Voltage                       | 3.7 V      |
| Max Continuous Charge Current         | 600mA (1C) |
| Max Continuous Discharge Current      | 600mA (1C) |
| Over-charge Protection Voltage        | 4.28 V     |
| Over-discharge Protection Voltage     | 2.4 V      |
| Over-current Protection for Discharge | 3A         |
| Short Circuit Protection              | YES        |
| Discharge Temperature                 | -20 ~ 60°C |
| Charge Temperature                    | 0 ~ 45°C   |
| Typical weight                        | 12gm       |
| Connector                             | JST PHR-2  |

### Drawing of battery pack:



### Dimensions of battery pack:

|           | Symbol | Size in mm |
|-----------|--------|------------|
| Thickness | T      | 5.2mm      |
| Width     | W      | 30.3mm     |
| Height    | H      | 43mm       |
| Wire      | A      | 100± 3 mm  |

### Typical Applications:

- Telematics
- Medical Devices
- Robots
- Wearable Devices
- IOT Devices