

Li-polymer



# SBS-523450

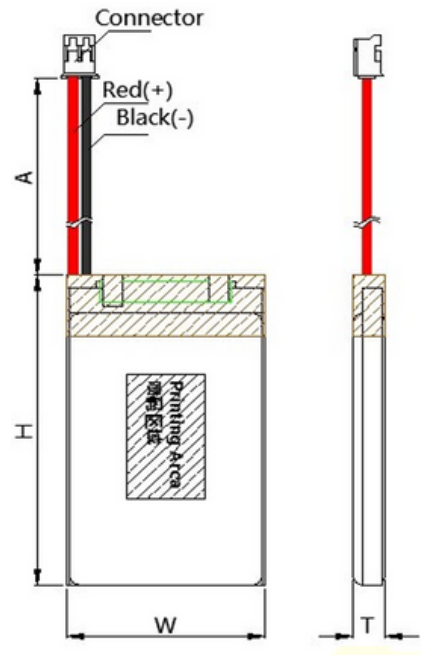
## 1000mAh

The SBS 523450-1000 is a 3.7V, 1000mAh 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	1000mAh
Nominal Voltage	3.7 V
Max Continuous Charge Current	1000mA (1C)
Max Continuous Discharge Current	1000mA (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	18gm
Connector	JST PHR-2

### Drawing of battery pack:



### Dimensions of battery pack:

	Symbol	Size in mm
Thickness	T	5.4mm
Width	W	34.3mm
Height	H	53mm
Wire	A	100± 3 mm

### Typical Applications:

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

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