

SBS- 503040

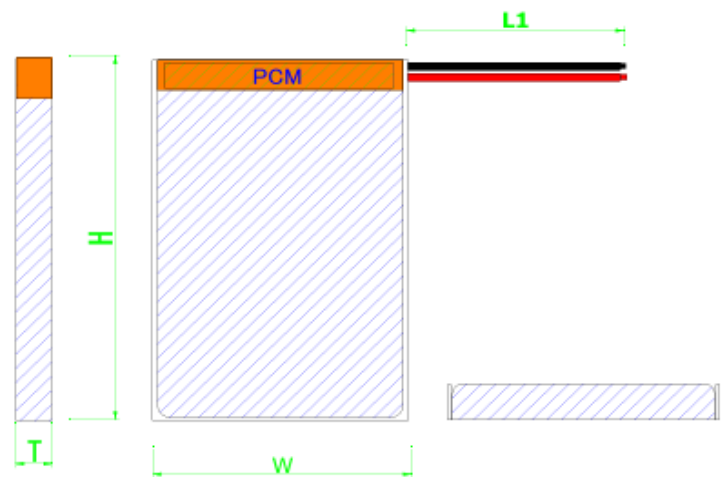
500mAh

The SBS 503040-500 is a 3.7V, 500mAh 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	500mAh
Nominal Voltage	3.7 V
Max Continuous Charge Current	500mA(1C)
Max Continuous Discharge Current	500mA(1C)
Over-charge Protection Voltage	4.28V
Over-discharge Protection Voltage	3V
Over-current Protection for Discharge	3A
Short Circuit Protection	YES
Discharge Temperature	-10~60°C
Charge Temperature	-5°C ~ +35°C, 75% RH Max
Typical weight	-
Connector	JST PHR-2

Drawing of battery pack:



Dimensions of battery pack:

	Symbol	Size in mm
Thickness	T	5.2mm
Width	W	30.5mm
Height	H	42.5mm
Wire	A	80±5mm

Typical Applications:

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