

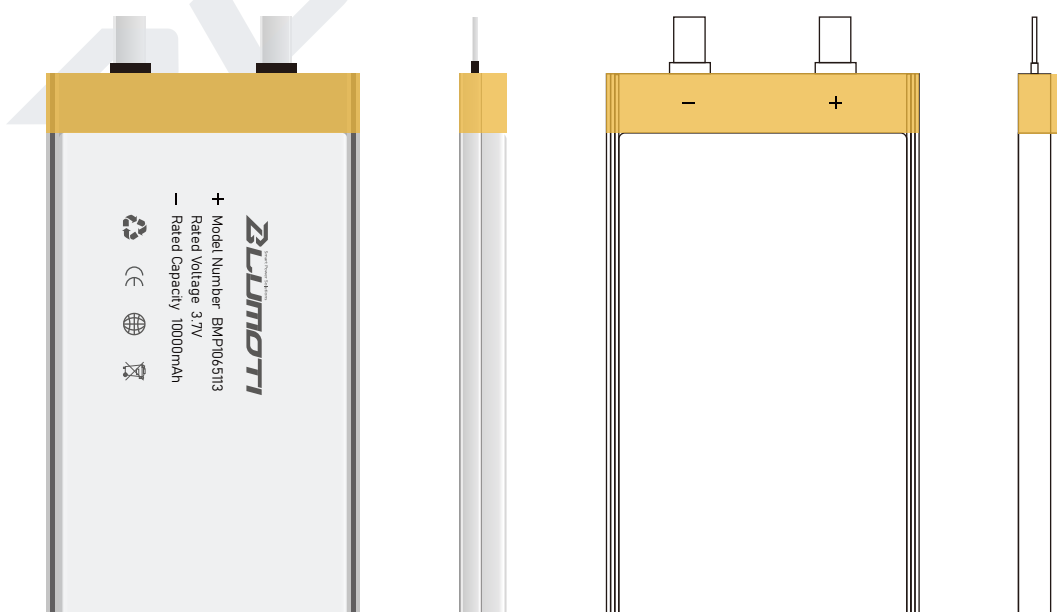
1.Scope of Application

This specification applies to Model BMP1065113 lithium-ion polymer rechargeable cells, with a nominal voltage of 3.7 V and a nominal capacity of 10000 mAh. This document is intended for product selection, sample confirmation, incoming inspection, and structural design reference.

Unless otherwise agreed, this document refers to bare cells only, excluding protection circuits, thermistors, connecting wires, connectors, adhesive tapes, brackets, or housings. The final finished battery pack must be equipped with protection circuits and structural protection that meet the application requirements.

2.Product Type and Product Model

Item	Specification
2.1 Type	Polymer Li-ion Rechargeable Battery Cell
2.2 Model	BMP1065113

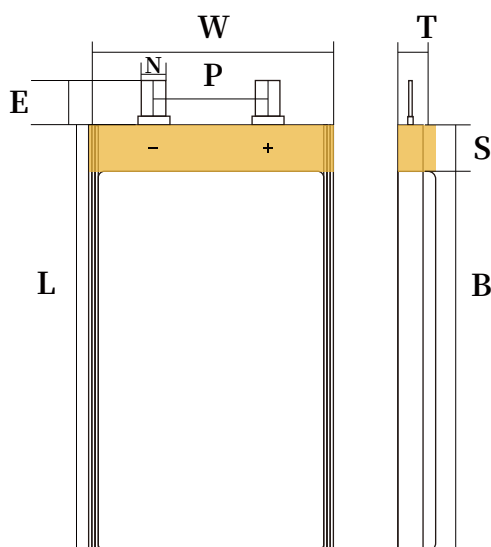


3. Basic Product Characteristics

NO.	Item		Characteristics
3.1	Rated Capacity		10000 mAh
3.2	Minimum Capacity		9500.0 mAh
3.3	Nominal Voltage		3.7 V
3.4	Rated Energy		37.000 Wh
3.5	Charge Limit Voltage		4.20 V
3.6	Discharge Cut-off Voltage		3.0 V
3.7	End-of-charge Current		0.01 C = 100.0 mA
3.8	Standard Charge		Charge at 0.2C = 2000mA with constant current to the charge limit voltage, then charge at constant voltage until the end-of-charge current is reached.
3.9	Standard Discharge		Discharge at 0.2C=2000mA with constant current to the discharge cut-off voltage.
3.10	Maximum Continuous Charge Current		0.5 C, 5000 mA
3.11	Maximum Continuous Discharge Current		1.0 C, 10000 mA
3.12	3.12.1	Charge Temperature Range	0 °C–45 °C
	3.12.2	Discharge Temperature Range	-20 °C to 60 °C
	3.12.3	Storage Temperature Range	-20 °C to 35 °C, ≤ 3 months
3.13	Operating and Storage Humidity Range		45%–85% RH, non-condensing
3.14	Weight		Approx. 200 g

*Note: C-rate is calculated based on the nominal capacity of 10000 mAh.

4.Cell Dimensions



Item	Description	Dimension
W	Cell Width	65.0 mm Max.
T	Cell Thickness	10.0 mm Max.
L	Cell Length Excluding Tabs	113.0 mm Max.
B	Main Body Length	109.5 mm Max.
S	Top Seal Width	3.0mm±0.5mm
E	Tab Protrusion Length	6.0mm±1.0mm
P	Tab Center-to-Center Pitch	45.0 mm ± 2.0 mm
N	Tab Width	5.0 mm ± 0.5 mm

Unit: mm

Drawing not to scale. Dimensions shown shall prevail.

5.Cell Appearance Drawing

