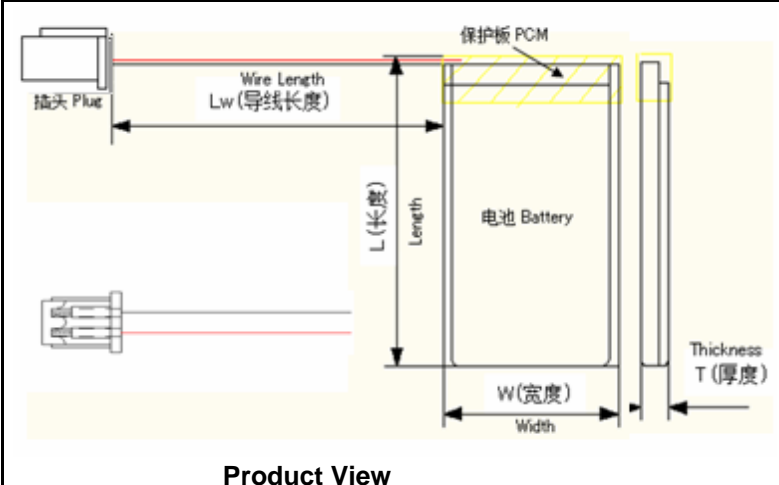




**ZONCELL INTERNATIONAL LIMITED**  
**Shenzhen ZONCELL Battery Co., Ltd.**

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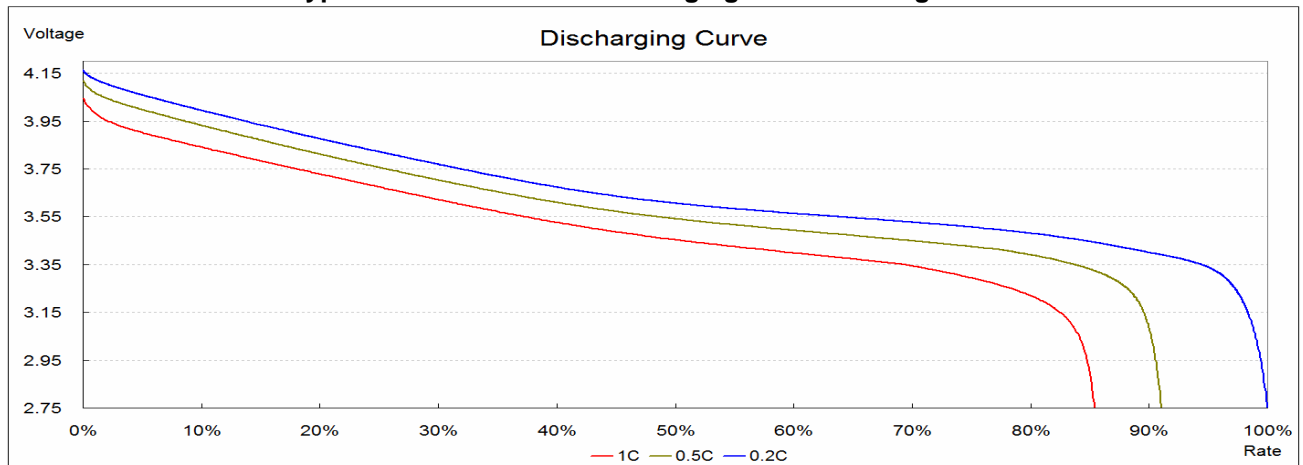
Product Data Sheet



Product View

<b>Product model:</b>	LP402764-1000	
<b>Nominal voltage:</b>	3.7V	
<b>Capacity:</b>	Nominal:	1000mAh
	min.	700mAh
<b>Size:</b>	Length:	max 68mm
	Width:	max 28mm
	Thickness:	max 4.5mm
<b>Wire:</b>	Type:	1571 26#
	Length:	50~70mm
<b>Connector:</b>	Plug:	ZHL1.25
<b>Internal impedance:</b>	≅ 180mΩ	
<b>PCM:</b>	3.7V	1.5A
<b>Single cell:</b>	Type:	Lithium Polymer
	Model:	LP402764-1000

Typical 0.2C / 0.5C / 1C Discharging Curve for Single Cell



Remark: Max charging voltage is not up to 4.2V/cell, Max protect voltage of PCM is not up to 4.3V/cell.

**Electrical Performance**

Charging termination voltage: 4.2V±0.05V/cell		
Charging methods:	Constant current charging:	Charging to 4.2V/cell
	Constant pressure charging:	4.2V/cell
	The small current charging:	cut-off current 0.01C
Discharge termination voltage 2.75V/cell * or PCM control at first		
Storage Voltage: 3.7~4V/cell		
Charging current:	Standard:	0.2C * or PCM control at first
	Fast:	0.5C * or PCM control at first
	max.	1C * or PCM control at first
Discharging current:	Standard:	0.2C * or PCM control at first
	Fast:	0.5C * or PCM control at first
	max.	1C * or PCM control at first
Cycle Life:	≅ 300 cycle	*0.2C, 25 °C

**Temperature Performance**

Operation:	Charge : 0~45°C; Discharge :-10~55°C
Storage:	Within 3month: -10~40°C; 3-6months -10~35°C
Storage relative humidity:	65±20%
Delivery charge capacity:	Less than 30%

\* More detail parameter please reference to the specification.

Prepared by: Yuan Lin      Checked by: Weichao Wen      Approved by: Zhongjun Yang