

# Lithium-ion Prismatic Rechargeable Battery



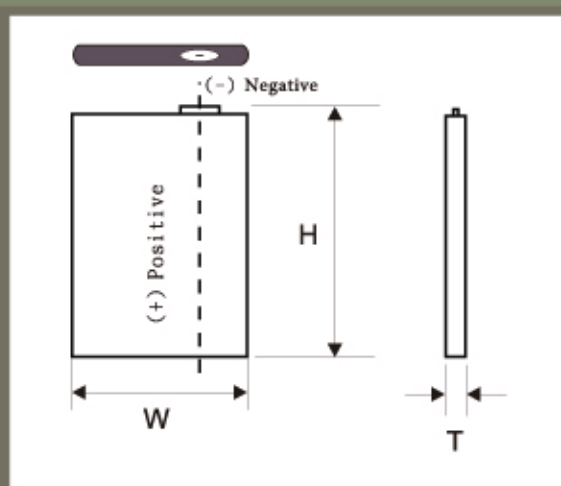
www.xtra-power.com.hk

# 053048A

## Specification

<b>Nominal Voltage:</b>		<b>3.7V</b>	
<b>Capacity<sup>1</sup> (mAh)</b>	<b>0.2C Discharge</b>		
	<b>Minimum<sup>2</sup></b>	<b>680</b>	
	<b>Typical<sup>3</sup></b>	<b>700</b>	
<b>Dimensions</b>	<b>Thickness</b>	<b>5.3mm<sup>0</sup><sub>-0.3</sub></b>	
	<b>Width</b>	<b>30.1mm<sup>0</sup><sub>-0.5</sub></b>	
	<b>Height</b>	<b>48.0mm<sup>0</sup><sub>-0.5</sub></b>	
<b>Weight</b>		<b>16.5g</b>	
<b>Internal Impedence</b>		<b>&lt; 60mΩ (After charge)</b>	
<b>Charge</b>	<b>Standard</b>	<b>350mA (0.5C) X 5 hrs</b>	
	<b>Rapid</b>	<b>700mA (1C) X 2.5 hrs</b>	
		<b>°C</b>	<b>°F</b>
<b>Ambient Temperature</b>	<b>Charge</b>	<b>0~45°C</b>	<b>32~113°F</b>
	<b>Discharge</b>	<b>-20~60°C</b>	<b>-4~140°F</b>
	<b>Storage</b>	<b>-20~45°C</b>	<b>-4~113°F</b>

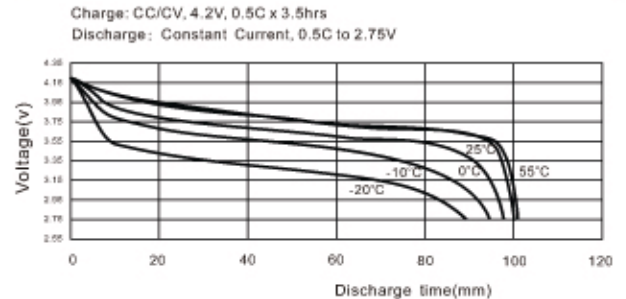
Dimensions(Bare cell) (mm)



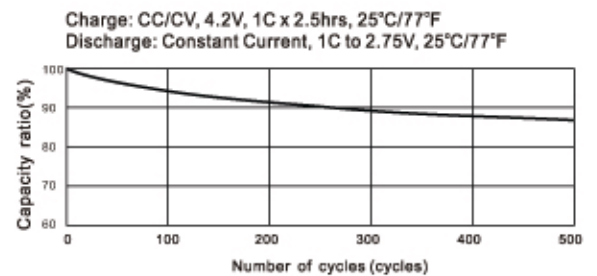
Note:

1. After charging at 1C for 2.5 hours.
2. Nominal capacity, rated at 0.2C, 25°C/77°F.
3. Average capacity.

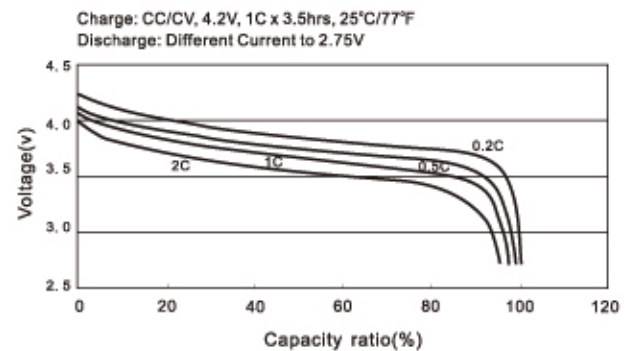
### Discharge characteristics at various temperature



### Cycle life characteristics



### Discharge characteristics at various current



### Charge characteristics

