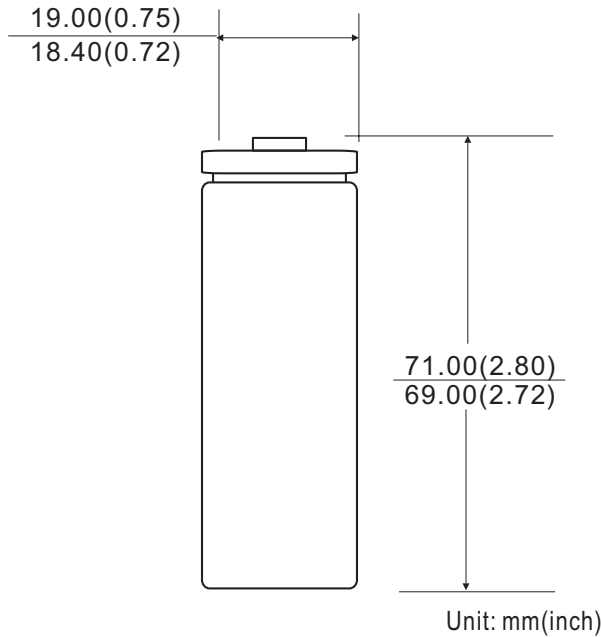


## ICR18650-2600

## LI-ION BATTERY



### Dimensions:



### Specifications

<b>Chemical System:</b>	LiCoO <sub>2</sub> /C
<b>IEC Name:</b>	ICR18650
<b>Camelion Model:</b>	ICR18650-2600
<b>Average Weight:</b>	52g
<b>Dimension(∅ x H):</b>	18.7 <sup>±0.3</sup> x70.0 <sup>±1</sup> mm 0.74 <sup>±0.01</sup> x2.76 <sup>±0.04</sup> inch
<b>Terminals:</b>	Flat
<b>Nominal Voltage:</b>	3.7Volts
<b>Capacity:(520mA constantly discharge to 3.0V at 20±2°C)</b>	
<b>Typical :</b>	2600mAh
<b>Minimum:</b>	2450mAh
<b>Nominal Internal Resistance:</b>	250m-ohm @ 1kHz
<b>Max. Charge Current:</b>	1300mA
<b>Max. Discharge Current:</b>	2600mA
<b>Operating Temperature:</b>	-20°C-60°C (Discharge)
<b>Storage Temperature:</b>	-20°C-30°C
<b>Relative Humidity:</b>	60±15%

### Main Features



- ① Innovative anode design offers higher applicability
- ② Built-in intelligence control PCB \*

\* PCB SPEC

Over Charge Protection Voltage	4.28±0.025V
Over Discharge Protection Voltage	2.8±0.05V
Over Current Protection Current	5-9A
Short Protection Delay Time	220-360us
Cuttert Consumption In Normal Opration	3.0µA Type 6.0µA Max

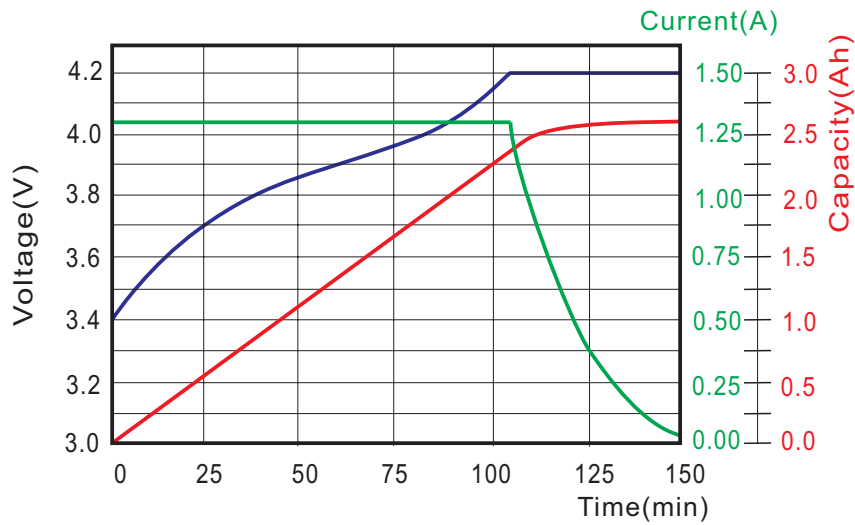
#### Notice:

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## ICR18650-2600

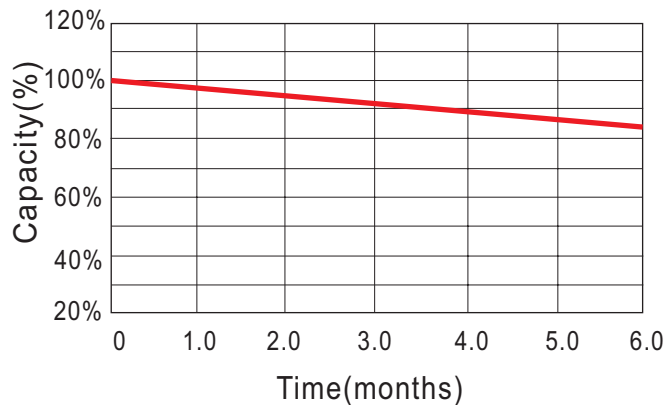
## LI-ION BATTERY

### Charge Characteristic



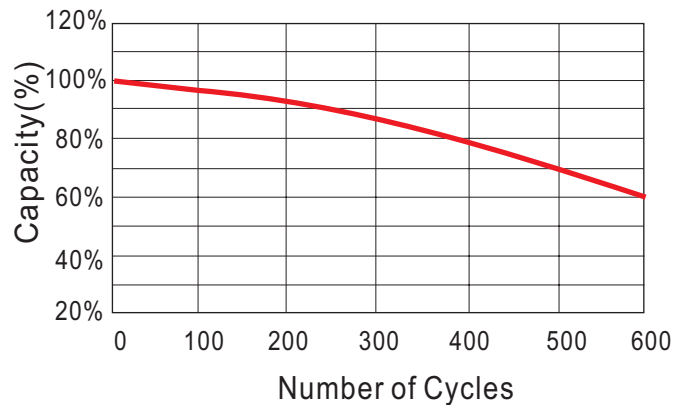
### Storage Characteristic

Measurement temperature: 25°C  
 Charge: 0.5C 4.2V CC/CV, 0.01C cut-off  
 Discharge: 0.2C discharge to 3.0V



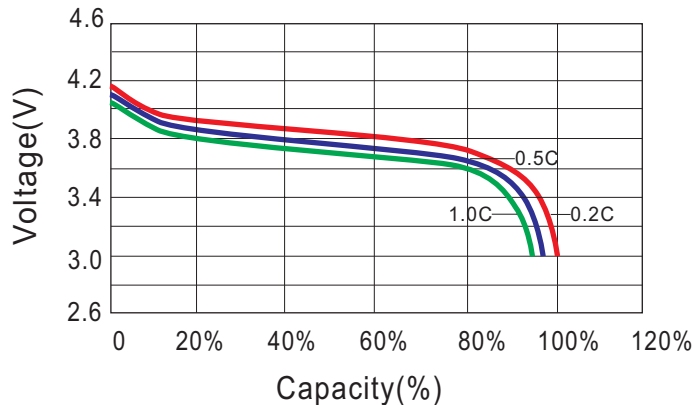
### Cycle Life Characteristics

Measurement temperature: 25°C  
 Procedure: charge 0.5C 4.2V CC/CV, 0.01C cut-off;  
 Rest for 30mins; 0.5C discharge to 3.0V



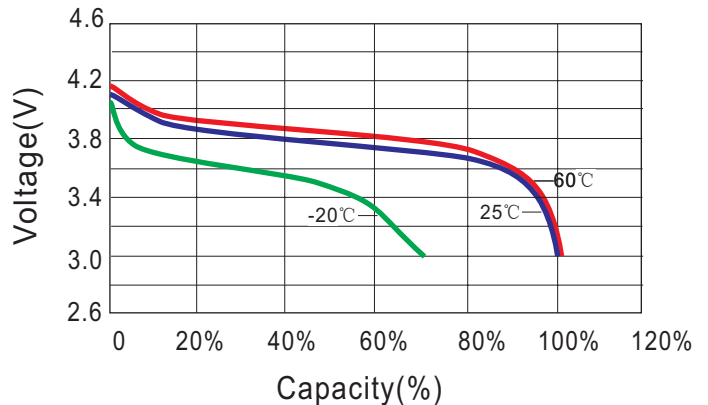
### Discharge Characteristics

Measurement temperature: 25°C  
 Charge: 0.5C 4.2V CC/CV, 0.01C cut-off



### Temperature Characteristics

Procedure: charge 0.5C 4.2V CC/CV, 0.01C cut-off  
 Rest for 30mins discharge CC 0.2C, 3.0V cut-off



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