

the swiss power source

renata  
batteries

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-54151736  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

## CR2450HT

3V Lithium Battery  
Swiss Made

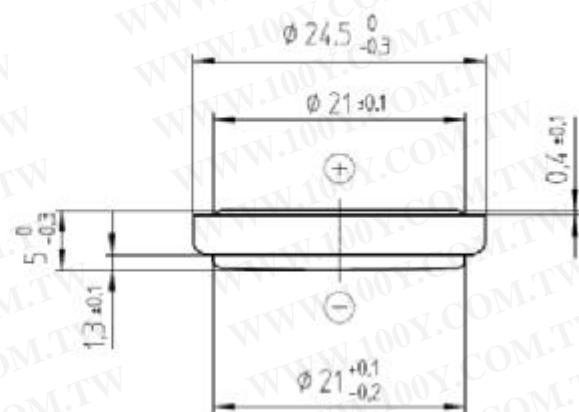
## Technical Data Sheet

### Specifications

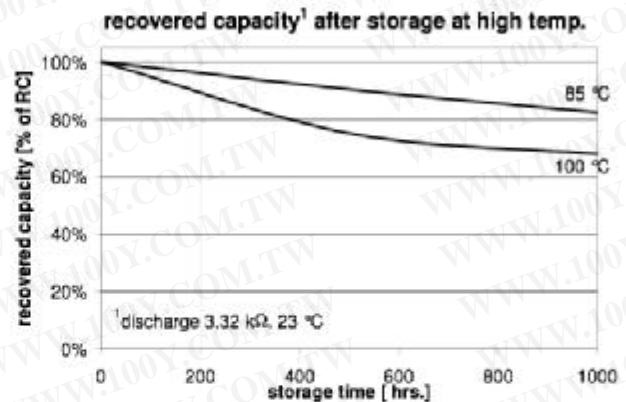
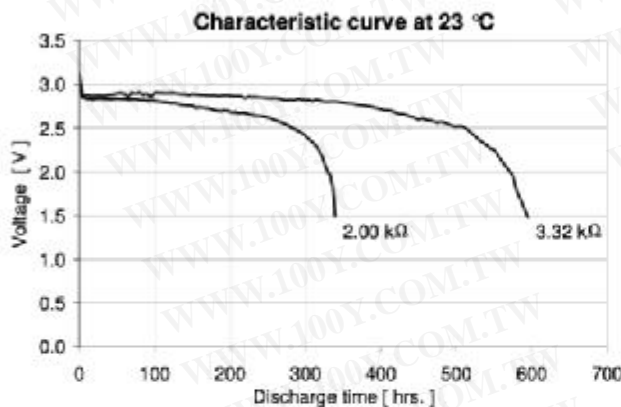
Chemical system	Li / MnO <sub>2</sub>
Nominal voltage	3 V
Rated capacity	480 mAh
Standard discharge current	0,8 mA
Max. cont. discharge current	3,0 mA
Average weight	6,7 g
Operating temperature	-40 - +125 °C
Storage temperature range	-40 - +125 °C
Self discharge at 23 °C	< 1% / year

### Dimensions

(According to IEC 60086)



### Performance



Information and contents in this data sheet are for reference purpose only. They do not constitute any warranty or representation and are subject to change without notice. For most current information and further details, please contact your Renata representative.

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Renata SA  
CH-4452 Itingen/Switzerland

Tel. +41 (0)61 975 75 75  
Fax. +41 (0)61 975 75 95

sales@renata.com  
www.renata.com

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# Coin Cells

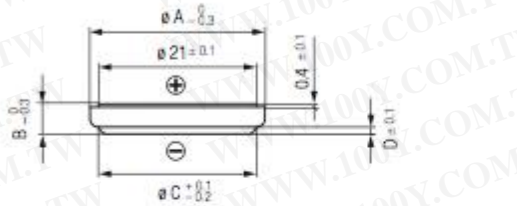
## High temperature coin cells

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### General characteristics

- Electrochemical system Li/MnO<sub>2</sub>
- Operating temperature range: -40/+125°C
- Storage temperature up to 100°C
- Self-discharge: less than 1% per year at 23°C
- Shelf life: up to 10 years at max. 23°C
- Stable voltage during shelf life
- Superior leakage resistance
- Contains no heavy metals



### Dimensions and weights

Model	Dimensions (mm)				Weight (g)	Part. No.*
	A	B	C	D		
CR2450HT	24.5	5.0	21.0	1.3	6.7	701700

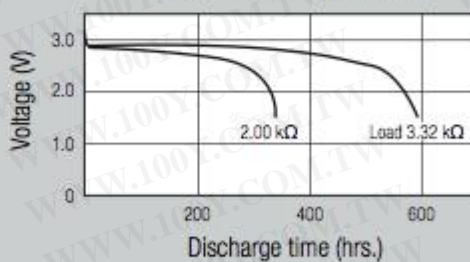
\*Packaging: Industrial Bulk (JB-Trays)

### Electrical characteristics

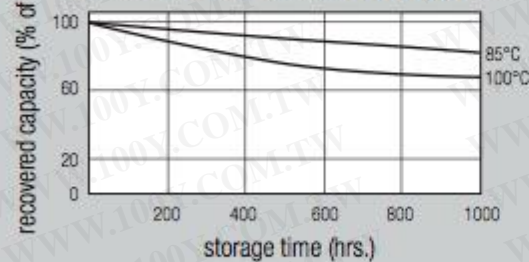
Model	Nominal capacity	Standard <sup>1)</sup> discharge current	Max. continuous discharge current <sup>2)</sup>	Operating Temperature (C)
	(mAh)	(mA)	(mA)	
CR2450HT	490	0.8	3.0	-40/+125°

### CR2450HT

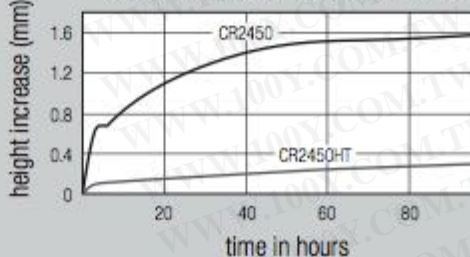
Characteristic curve at 23°C



recovered capacity<sup>1</sup> after storage at high temp.



comparison height increase at 120°C



1) Standard discharge current: 100% of nominal capacity is obtained by discharging the cells at this current rates.

2) The maximum current determined for a yield 70% of the nominal capacity with a cut-off voltage of 2.0V, at 23° For currents exceeding these given above or pulsed current, please contact Renata.