

### 1. Data Sheet<sup>1</sup>

Model Number: HCER-14505

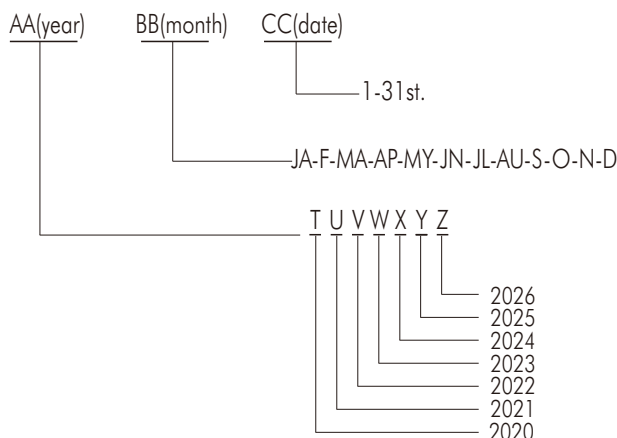
### 2. Physical Characteristics

Diameter[mm]	D	14.3±0.1
Length[mm]	L	49.1±0.5
Weight Approx. [g]		20.0
Lithium Metal Content. [g]		0.72

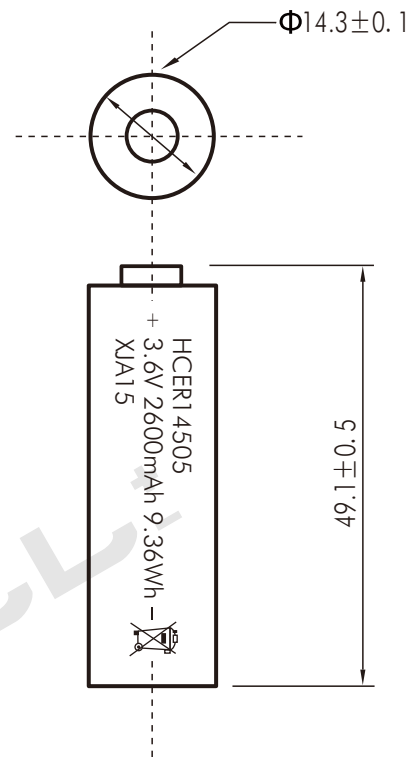
### 3. Electrical Parameter<sup>2</sup>

Nominal Voltage	3.6V
Capacity	2600mAh
At +25°C, battery discharged at continuous current 1mA until Voltage reaches cut-off voltage 2.0V. the capacity can vary at different temperature, discharge current or cut-off voltage.	
Maximum Continuous Current	50mA
New cell*, at +25°C, 2.0V cut-off, battery discharged for minimum 50% of nominal capacity.	
Maximum Pulse Discharge Current	150mA
at +25°C, 2.0V cut-off, the battery discharged for minimum 50% of rated capacity with max pulse for 3 seconds after 27 seconds break. discharge capacity of the battery will change with the pulse characteristics and ambient temperature as well as storage situation.	
Operating Temperature	-55 to +85°C
Operation above ambient temperature may lead to reduced capacity and lower voltage readings at the beginning of pulses.	
Storage(recommended)	≤ +30°C ≤ 75%RH
Self-Discharge Rate(25°C)	12 Months ≤ 1%

### 4. Date Code Nomenclature



### 5. Mechanical Drawing (Not in Scale)



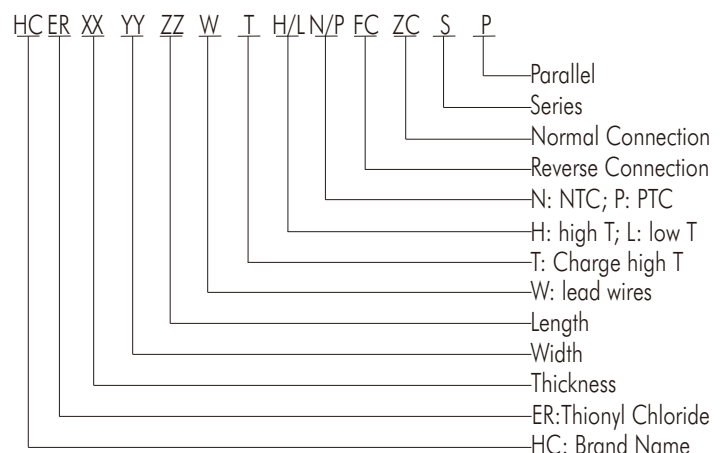
### 6. Key Features

- Optimized Battery Structure
- Full Discharge Capacity
- long Endurance
- No passivation

### 7. Delivery Status

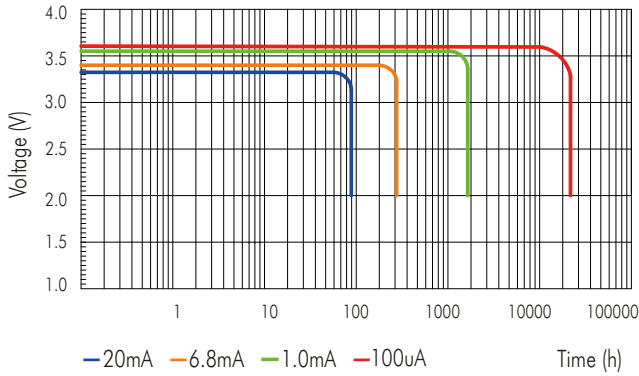
Cell Voltage [V] ≥ 3.65

### 8. Model No. Nomenclature

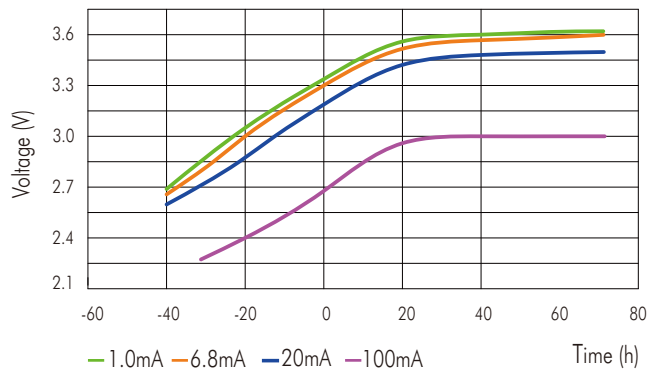


## 9. Curves

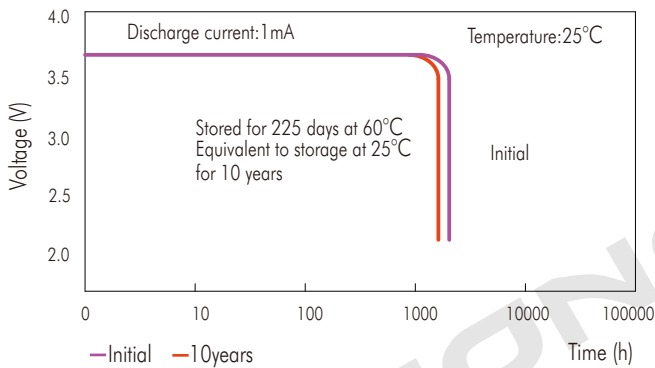
Typical Discharge Profiles At 25°C  
(at the mid-discharge)



Voltage Plateau Versus Current and Temperature  
(at the mid-discharge)



Storage Characteristics



## 10. Warning

- Do not short circuit
- Do not recharge
- Do not puncture
- Do not crush
- Do not dismantle
- Do not incinerate
- Do not mix new and used batteries
- Do not heat above 100°C

Shenzhen Honcell Energy Co., Ltd.

612, Bldg. A, Weidonglong Industrial Zone,  
Meilong Ave. 194#, Longhua District,  
Shenzhen, Guangdong Province, 518109, China  
[+] +86-755-2100-5221 info@honcell.com  
[f] +86-755-2100-0249 www.honcell.com