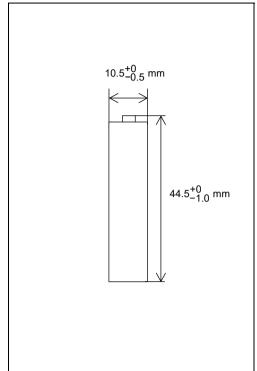


# HR-4UQ

#### Size : AAA

## Data sheet

#### **Dimensions**



Dimensions (including tube)	Diameter	10.5 +0/ -0.5 mm		
	Height	44.5 +0/ -1.0 mm		
Approx. Weight (including tube)		11 g		
Approx. Internal Impedance		45 mΩ		

After 3 cycles of charge and discharge under the conditions of 1), followed by the measurement 1~4 hours later.

#### Capacity

Nominal <sub>1)</sub>	600 mAh
Minimum <sub>1)</sub>	550mAh

<sup>1)</sup>Single cell capacity under the following condition.

Charge: 55 mA x 16 hours, Discharge: 110 mA(E.V.=1.00 V) at 20 °C

#### **General Specifications**

General Opecinications				
Nominal Voltage			1.2 V	
End Voltage		1.00 V		
Charging Current x Time		Fast Charge 2)	600 mA × about 1.1hours	
Ambient Temp.	Charge Condition <sub>3)</sub>	Fast Charge 2)	0 °C ~ +40 °C	
	Discharge Condition <sub>3)</sub>	Recommended	0 °C ~ +50 °C	
Relative Humidity 4)		45 % ~ 85 %		
2) los recommended charging system				

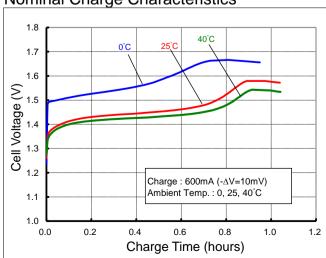
<sup>2)</sup>Use recommended charging system.

## **Storage Conditions**

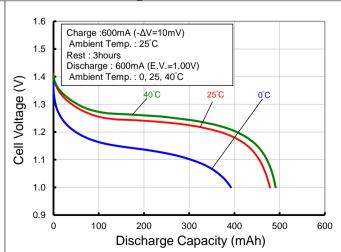
Ambient Temp.	Less than 90 days	−20 °C ~ +40 °C
	Less than 1 year	−20 °C ~ +30 °C
Relative Humidity 6)		45 % ~ 85 %

<sup>6)</sup>No water condensation.

### Nominal Charge Characteristics



### Nominal Discharge Characteristics



- •Single cell performance and lifespan are greatly affected by usage and temperature conditions.
- •Test results vary depending on individual cells.
- •Each values included in this material are intended to describe performance. They are not guaranteed.

Charge or discharge on outside the recommended temperature range may generate the battery degradation.

<sup>4)</sup>No water condensation.