FDK

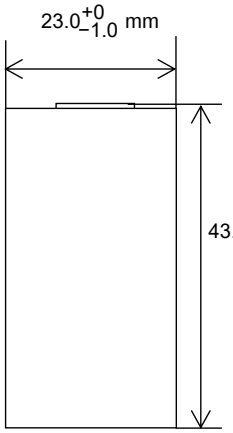
High-Rate Discharge Model

HR-SCU

Size : SC

Data sheet

Dimensions



Dimensions (including tube)	Diameter	23.0 +0/ −1.0 mm
	Height	43.5 +0/ −1.5 mm
Approx. Weight (including tube)		59 g
Approx. Internal Impedance at 1kHz 20˚C 5)		7 mΩ

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

Capacity

Nominal 1)	3000 mAh
Minimum 1)	2700 mAh

1)Single cell capacity under the following condition.
Charge : 270 mA × 16 hours, Discharge : 540 mA(E.V.=1.00 V) at 20 °C

General Specifications

Nominal Voltage			1.2 V
End Voltage			1.00 V
Charging Current x Time		Fast Charge 2)	3000 mA x about 1.1 hours
Ambient Temp.	Charge Condition 3)	Fast Charge 2)	0 °C ～ +40 °C
	Discharge Condition 3)	Recommended	0 °C ～ +50 °C
Relative Humidity 4)			45 % ～ 85 %

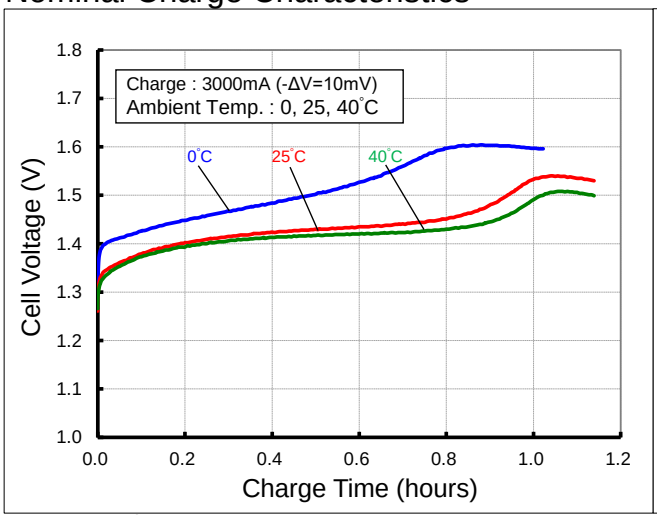
2)Use recommended charging system.
3)Charge or discharge on outside the recommended temperature range may generate the battery degradation.
4)No water condensation.

Storage Conditions

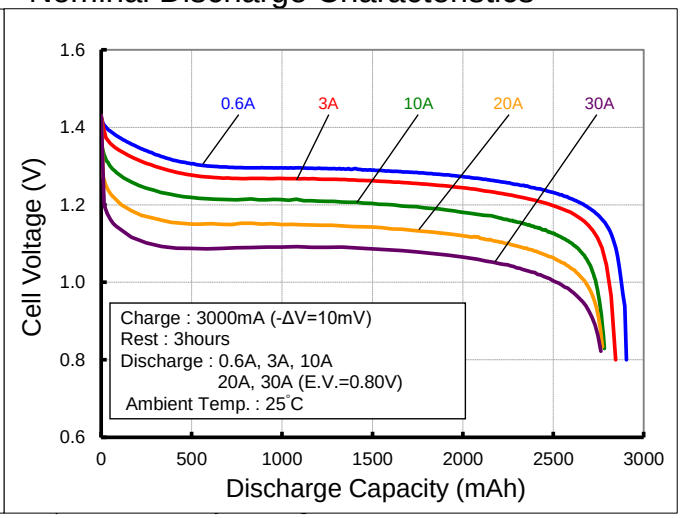
Ambient Temp.	Less than 30 days	−20 °C ～ +50 °C
	Less than 90 days	−20 °C ～ +40 °C
	Less than 1 year	−20 °C ～ +30 °C
Relative Humidity 6)		45 % ～ 85 %

6)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.

ZKH