

## ICP883448A-SC

Rechargeable Li-ion Battery 3.7V

Swiss Made

## Technical Data Sheet



### Specifications (Battery with Safety Circuit RSC Li-10)

Dimensions 1)	Thickness	8.60 +/-0.3 mm
	Width	34.00 +/-0.2 mm
	Height	49.00 +/-0.2 mm
Typical Capacity 2)	1'200 mAh	
Nominal Capacity	1'150 mAh	
Nominal Voltage 2)	3.7V	
Voltage Range	4.20V - 2.75V	
Weight 1)	29.0 g	
Casing	Aluminum lid and case (positive terminal)	
Energy Density (Volumetric) 2)	310 Wh/l	
– Bare cell (without Safety Circuit)	316 Wh/l	
Energy Density (Gravimetric) 2)	153 Wh/kg	
– Bare cell (without Safety Circuit)	153 Wh/kg	

1) of a fresh cell (including safety circuit)

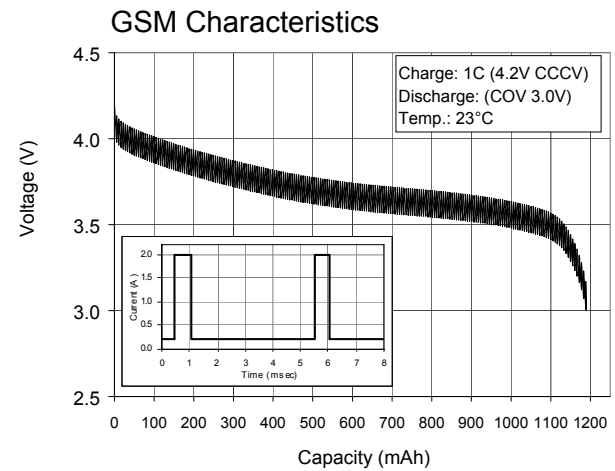
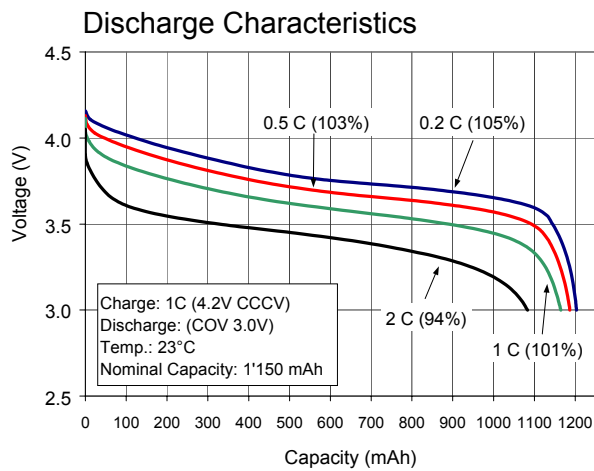
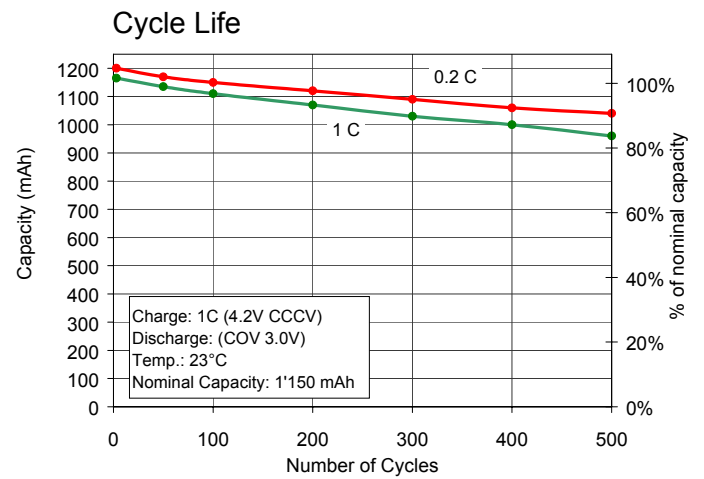
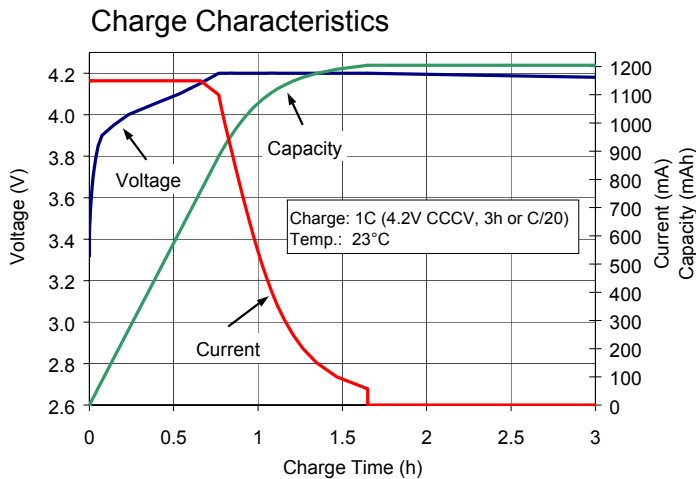
2) charging condition: CCCV, 4.2V, max. 1C, 3 hours or C/20 at 23°C - 0.2C mA discharge current, COV 3.0V at 23°C

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## Typical Battery Performance



## Warnings

RENATA batteries are equipped with a safety vent having a special solder with a melting point of about 100°C.

If a cell is used in abnormal conditions causing a rise of temperature (i.e. short circuit, over-charge, abusive storage at temperature higher than 100°C), the solder melts and allows release of the pressure in the cell.

Therefore,

- Solder only to the pads of the safety circuit, max. 350°C for 3 seconds.
- Avoid blocking or impairing the action of the safety vent on the cell.

For more information, please ask for RENATA's instructions for battery connection.