

# Introduction of UR18650RX(Improved cell)

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December, 2012

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# *Introduction of UR18650RX (improved cell)*

December 2012 2L18Z6TTAS

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# Lower internal impedance RX (improved cell)

Purpose : High power, Long life,

Specification of UR18650RX (tentative)



Model		UR18650RX (current)	UR18650RX (Improved)
Capacity	Min.	1950mAh	1950mAh(TBD)
	Typ.	2050mAh	2050mAh(TBD)
Charge Voltage		4.2V	4.2V
Nominal Voltage		3.6V	3.6V
Weight (with tube)		45.2g	45.8g
Dimension (with tube) (Max.)	D	18.5mm	18.5mm
	H	65.3mm	65.3mm
Impedance	AC 1kHz	approx.14mΩ	approx.13mΩ
	DC	approx.20mΩ	approx.17mΩ

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20% down

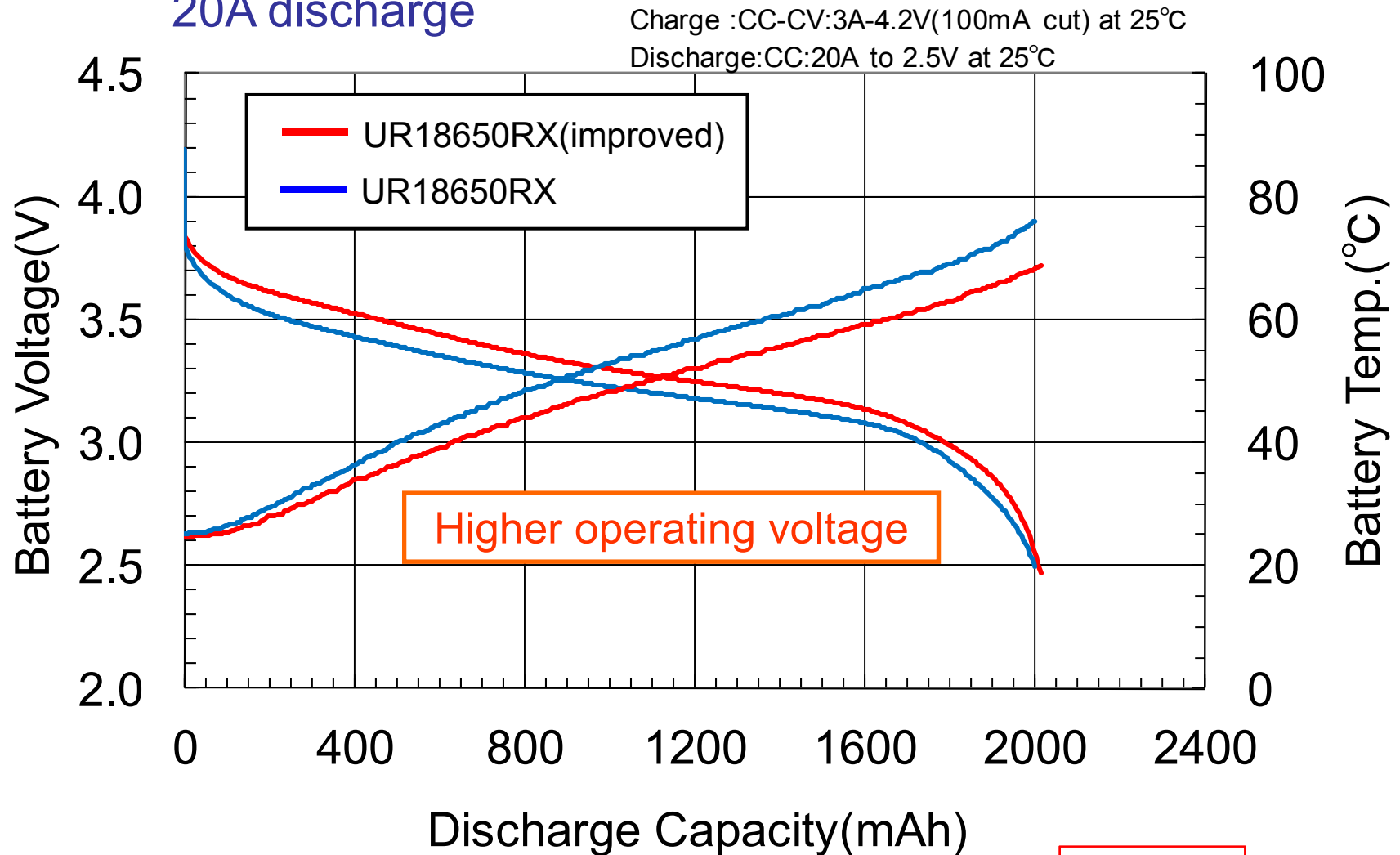
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# Electrical performance of UR18650RX(improved cell)

## Discharge rate characteristics

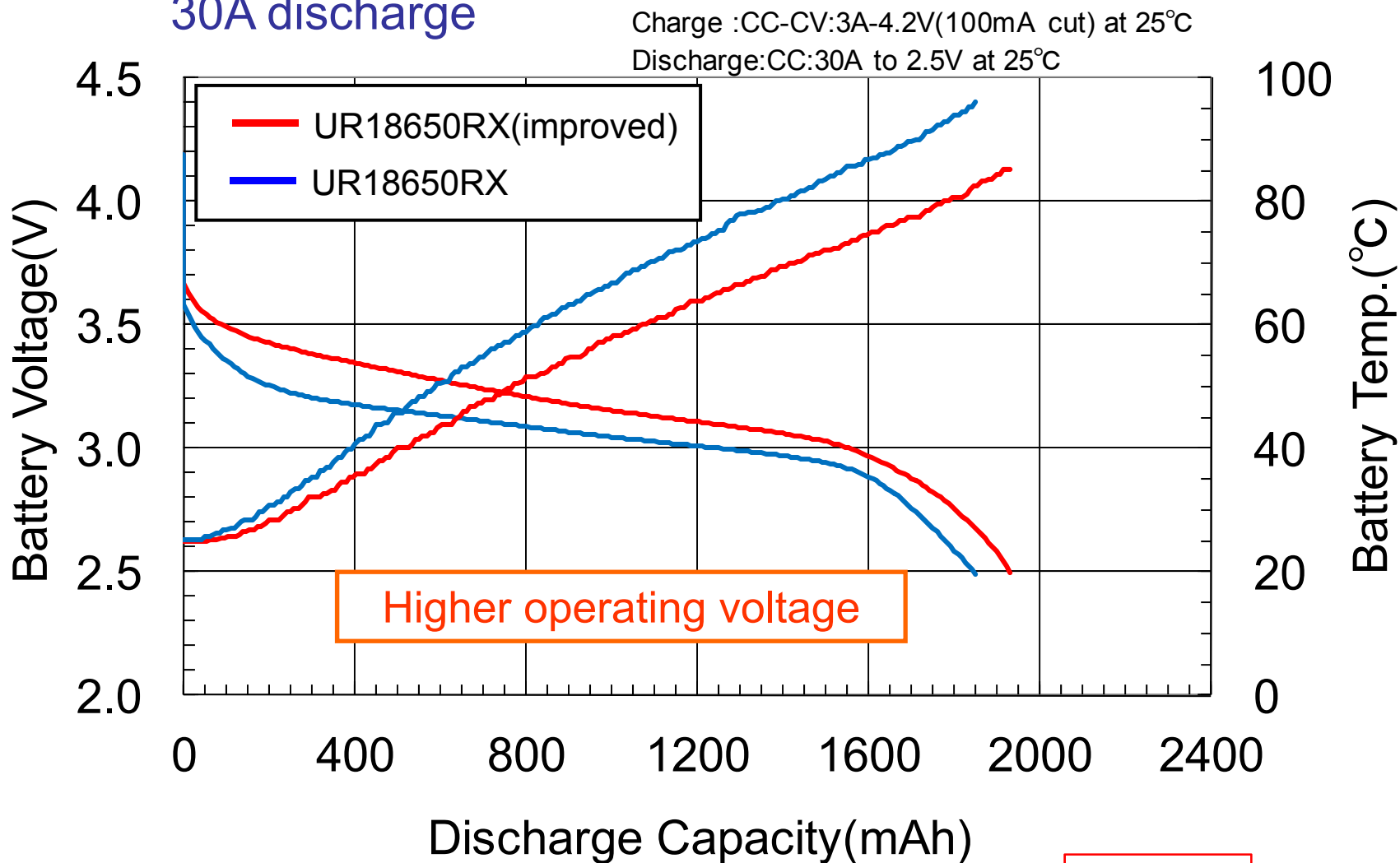
### 20A discharge



# Electrical performance of UR18650RX(improved cell)

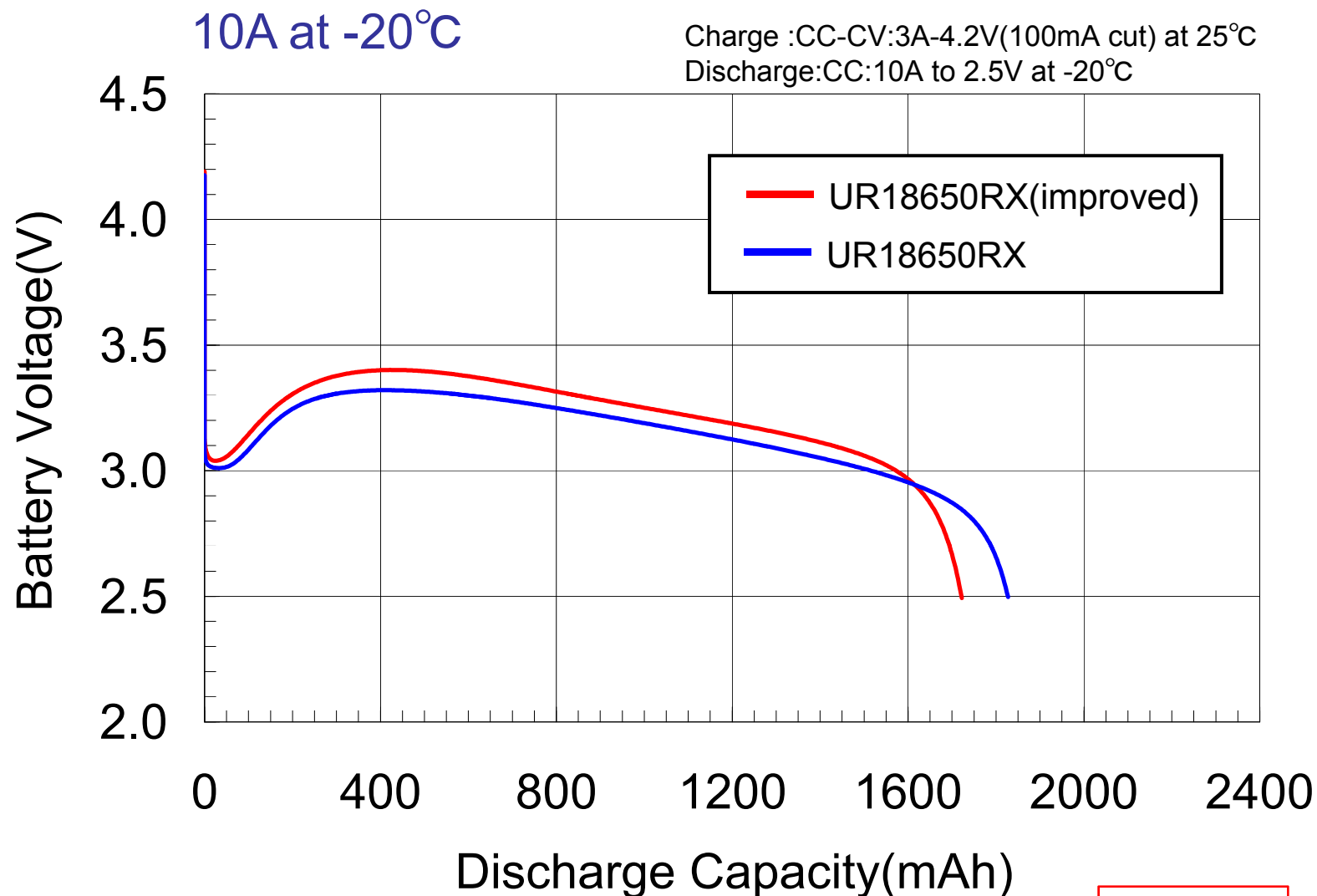
## Discharge rate characteristics

### 30A discharge



# Electrical performance of UR18650RX(improved cell)

## Discharge temp. characteristics



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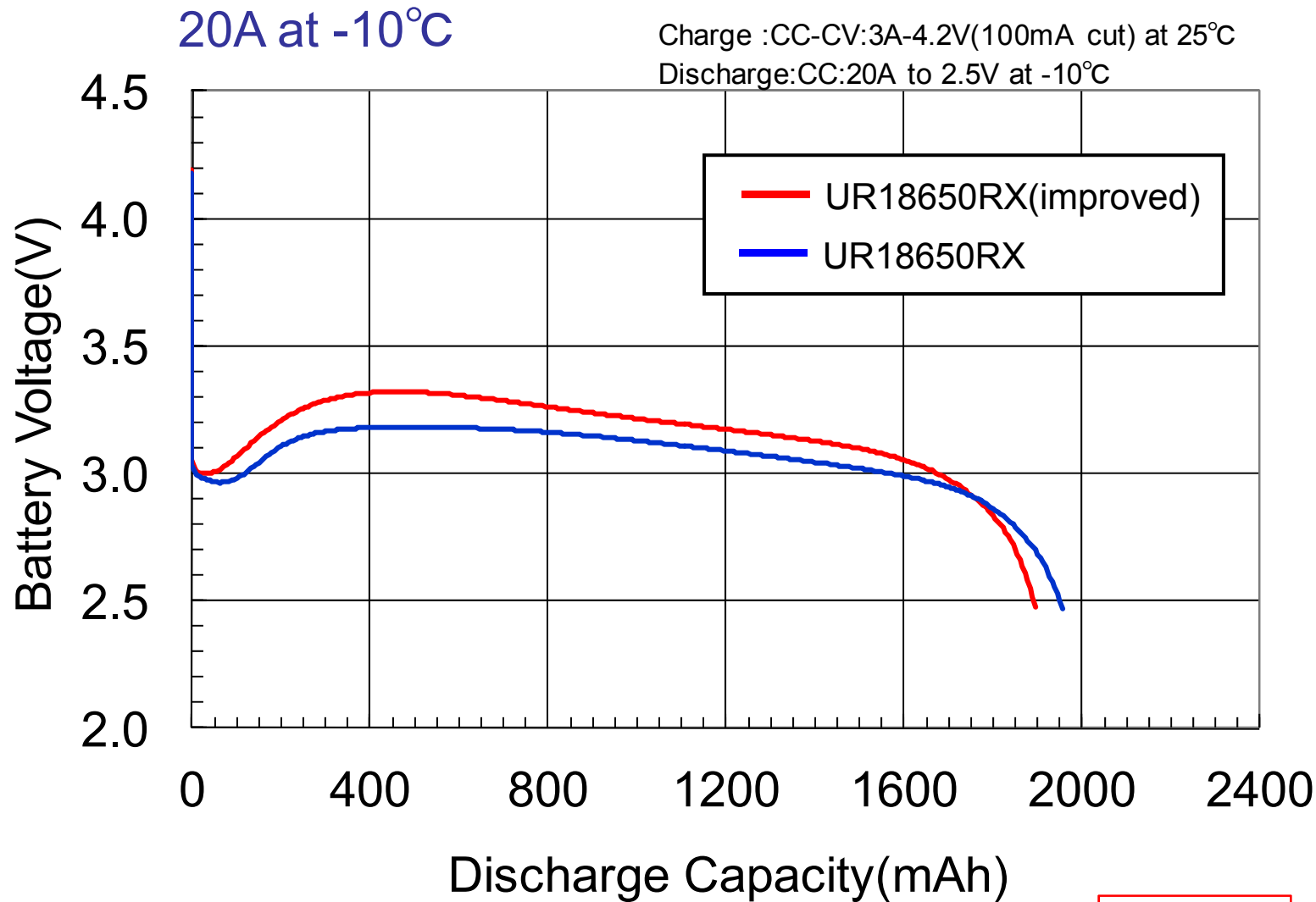
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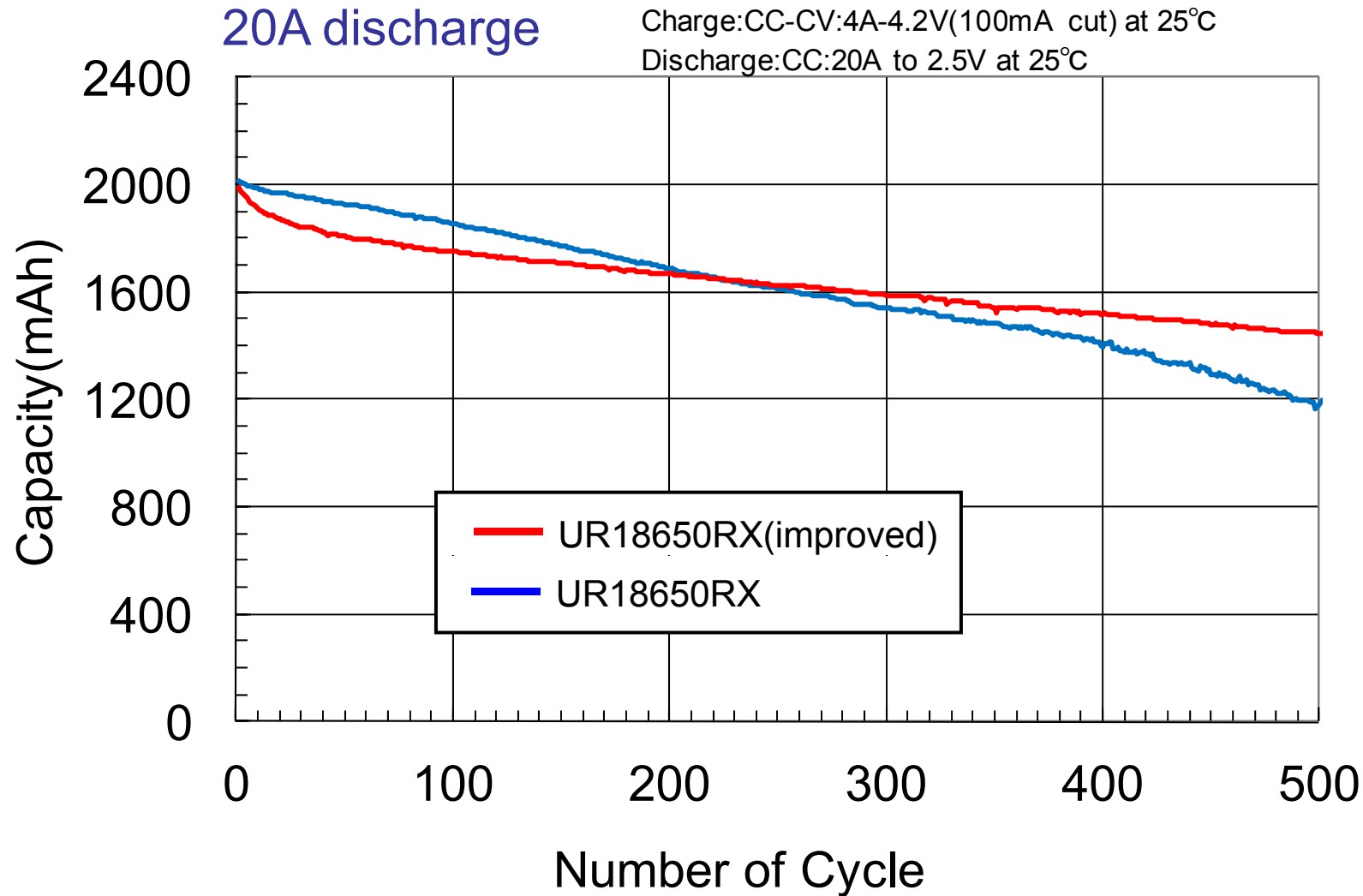
# Electrical performance of UR18650RX(improved cell)

## Discharge temp. characteristics



# Electrical performance of UR18650RX(improved cell)

## Cycle characteristics





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