

UR18650AA Standard data

Automotive & Industrial Systems Company of Panasonic Group

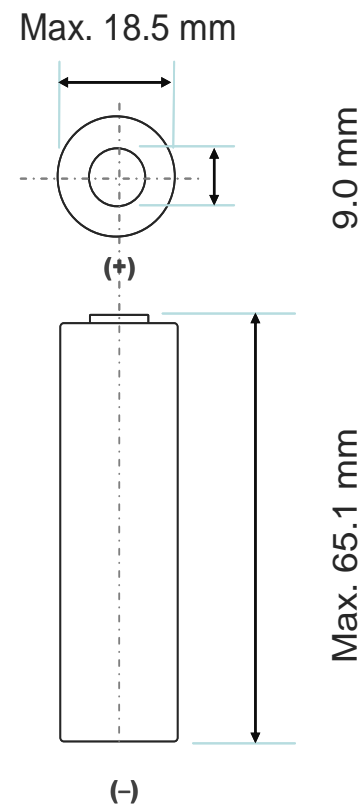
Portable Rechargeable Battery Business Division, SANYO Electric Co., Ltd.

Specifications

Rated capacity ⁽¹⁾	Min. 2100mAh
Nominal capacity ⁽²⁾	Min. 2150mAh Typ. 2250mAh
Nominal voltage	3.6V
Charging	CC-CV, Std. 1470mA, 4.2V, 3.0 hrs
Weight (max.)	43.1g
Temperature	Charge: 0 to +40° C Discharge: -20 to +60° C Storage: -20 to +50° C
Energy density	Volumetric: 453 Wh/l Gravimetric: 178 Wh/kg

(1) At 20° C (2) At 25° C

Dimensions

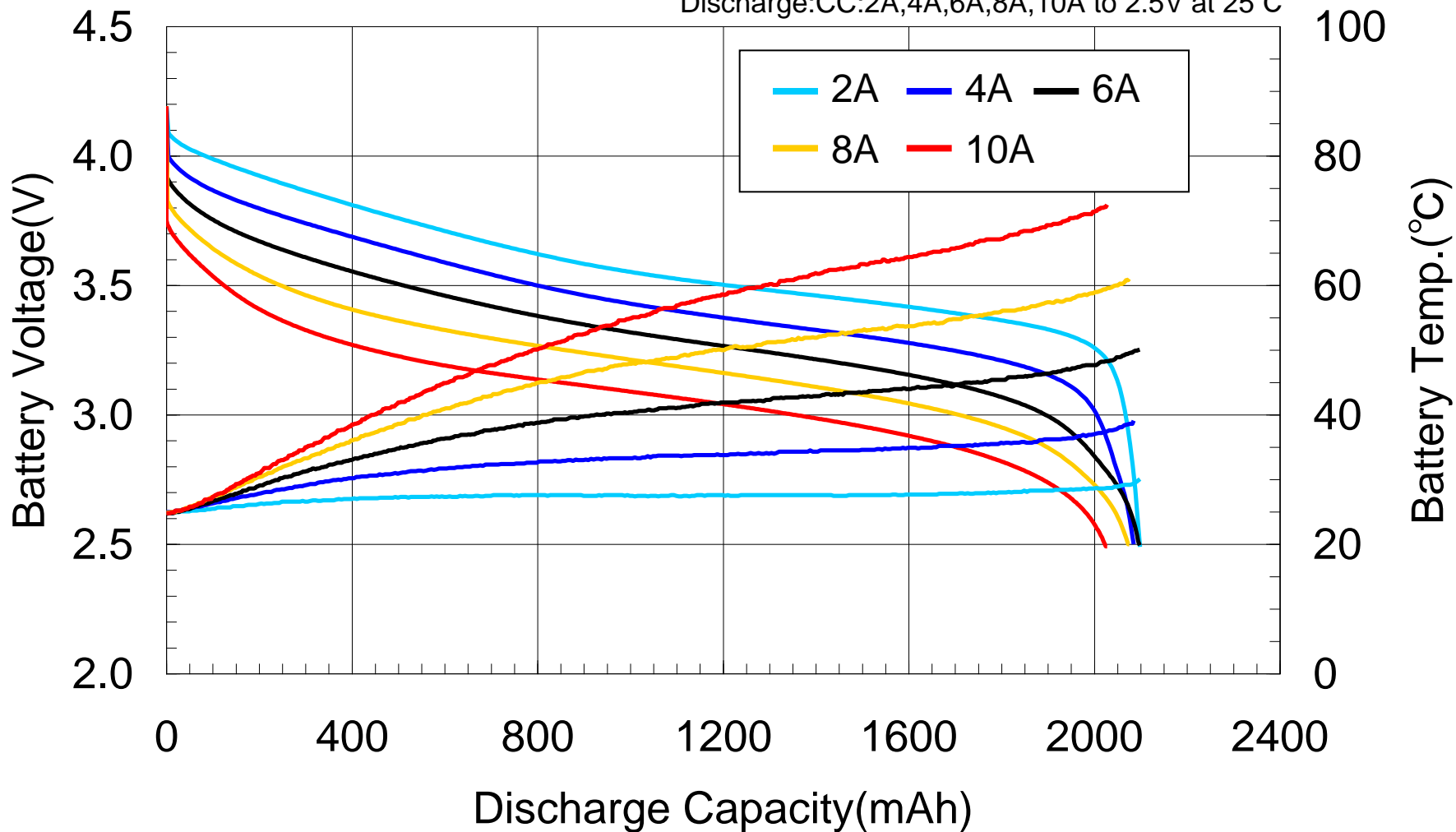


*With tube

When designing a pack, refer to the cell's mechanical drawing for precise dimensions.

Discharge rate characteristics of UR18650AA

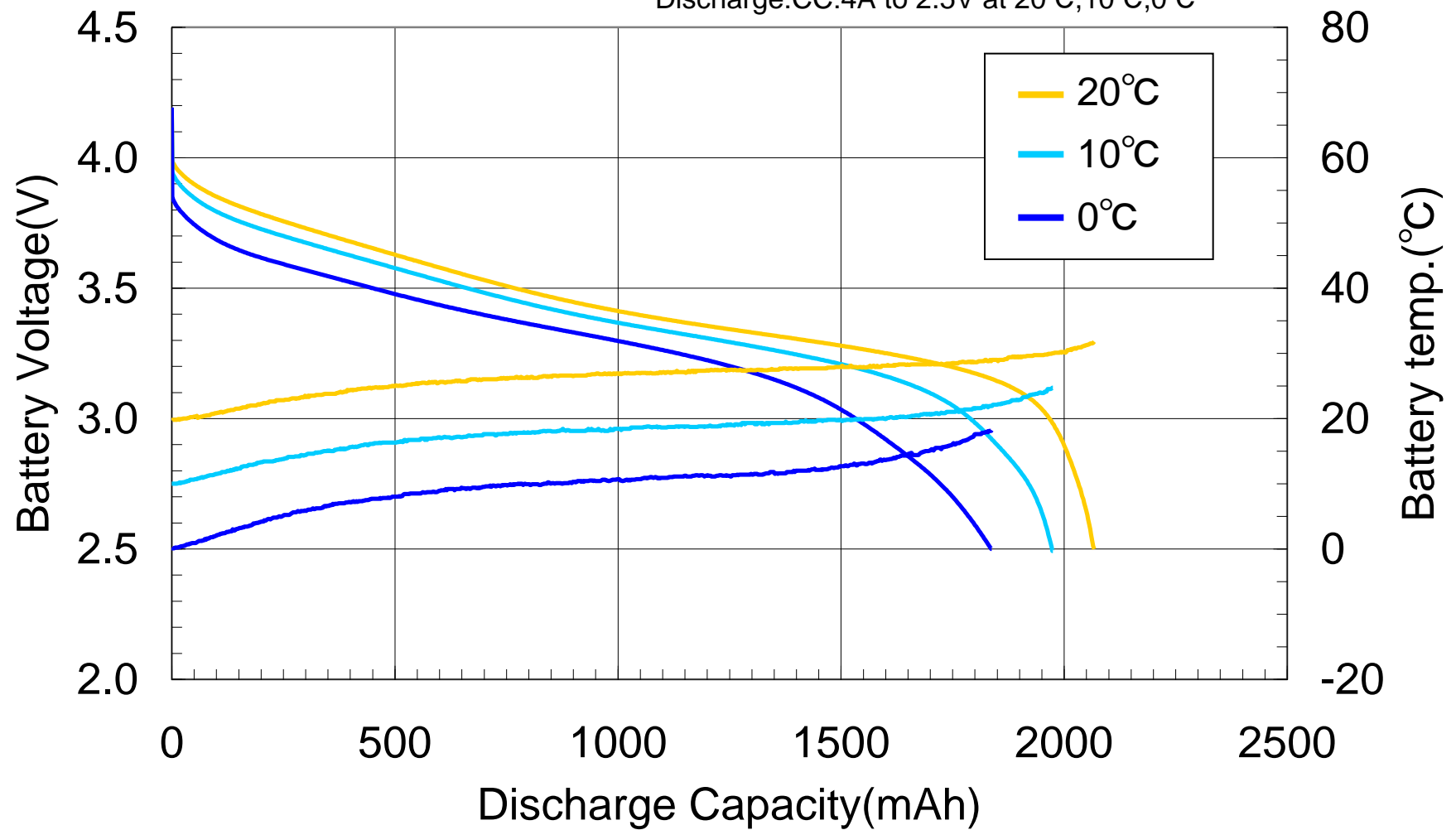
Charge :CC-CV:0.7C-4.2V (1/50C cut) at 25°C
Discharge:CC:2A,4A,6A,8A,10A to 2.5V at 25°C



Discharge temp. characteristics of UR18650AA

4A @ various temp.

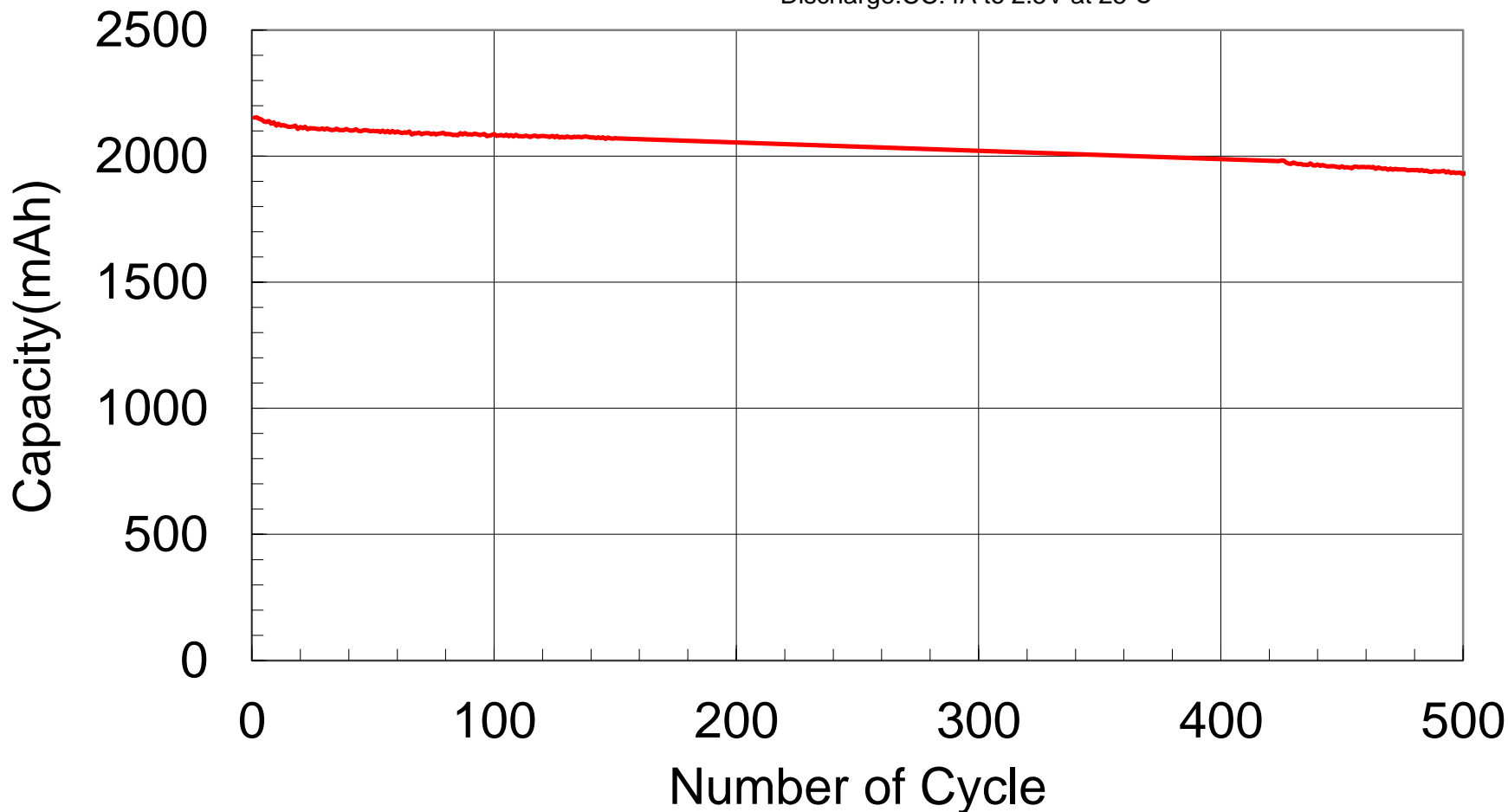
Charge :CC-CV:1.47A - 4.2V(42mA cut) at 20°C
Discharge:CC:4A to 2.5V at 20°C,10°C,0°C



Cycle characteristics of UR18650AA

4A@25°C

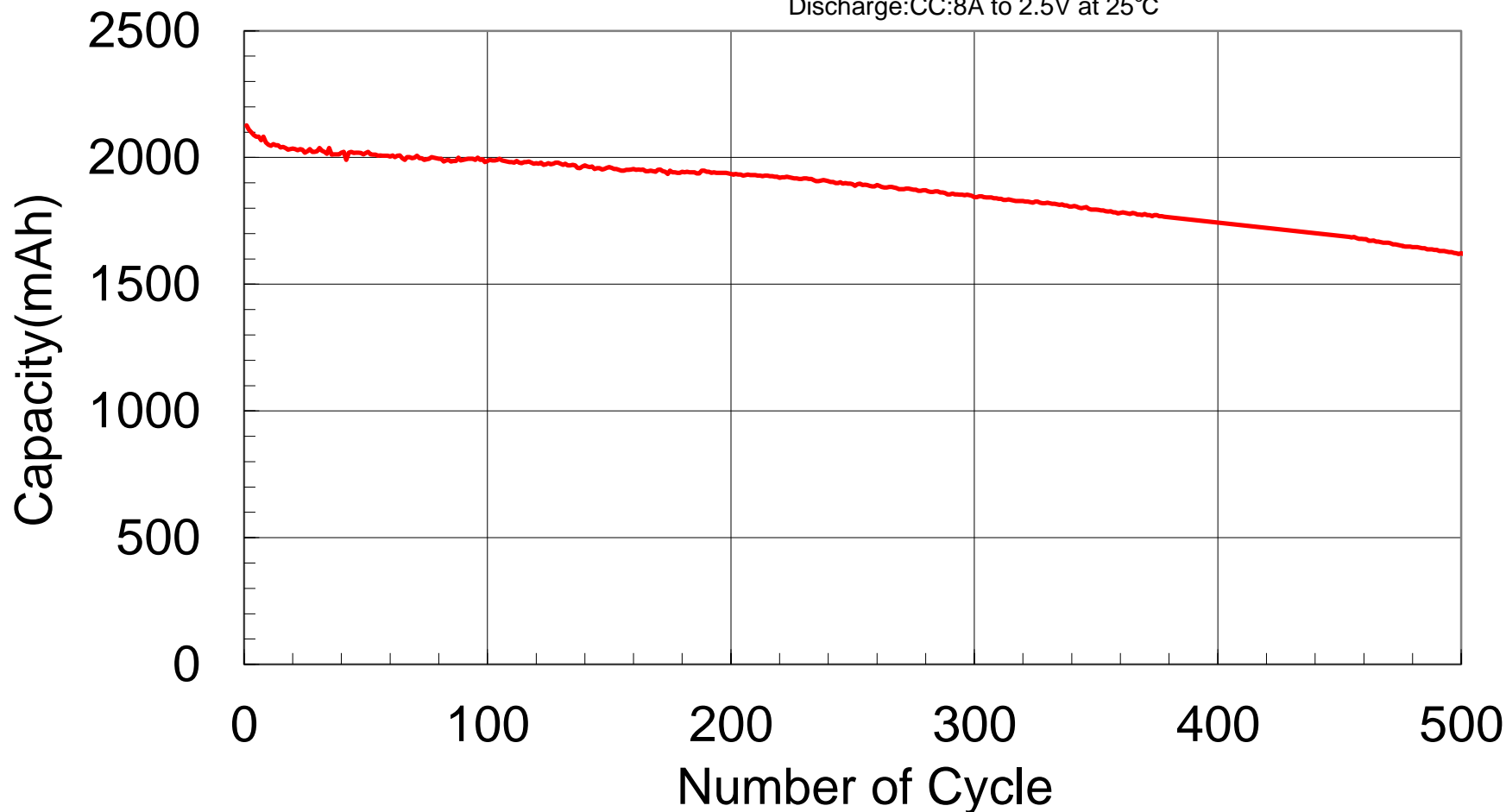
Charge :CC-CV:1550mA-4.2V(100mA cut) at 25°C
Discharge:CC:4A to 2.5V at 25°C



Cycle characteristics of UR18650AA

8A @ 25°C

Charge :CC-CV:1550mA-4.2V(100mA cut) at 25°C
Discharge:CC:8A to 2.5V at 25°C



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