

## Panasonic

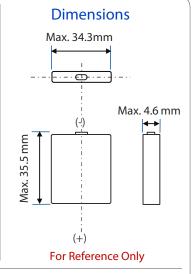
# Lithium Ion NCA463436A

#### Features & Benefits

- High energy density
- Long stable power and long run time
- Ideal for portable communications, portable computing, DSC and Camcorder.

Rated capacity <sup>(1)</sup>	Min. 680mAh
Capacity <sup>(2)</sup>	Min. 695mAh Typ. 720mAh
Nominal voltage	3.6V
Charging	CC-CV, Std. 487mA, 4.20V, 4.0 hrs
Weight (max.)	12.4 g
Temperature	Charge*: 0 to +45°C   Discharge: -20 to +60°C   Storage: -20 to +50°C
Energy density	Volumetric: 437 Wh/l Gravimetric: 197 Wh/kg
<sup>(1)</sup> At 20°C <sup>(2)</sup> At 25°C	•

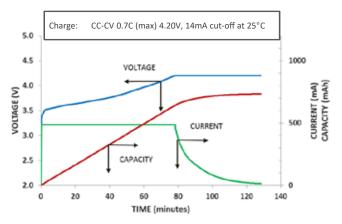
**Specifications** 



### **Charge Characteristics**

\* At temperatures below 10

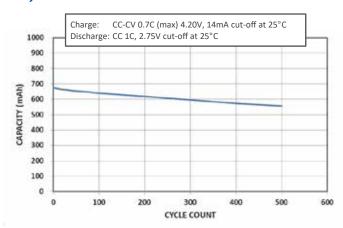
charge at a 0.40C rate.



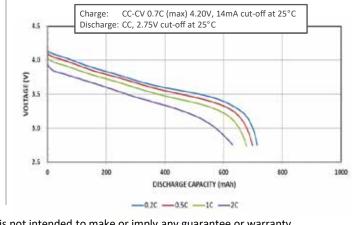
#### Discharge Characteristics (by temperature)

#### Charge: CC-CV 0.7C (max) 4.20V, 14mA cut-off at 25°C Discharge: CC 1C, 2.75V cut-off at each temperature 4.5 4.0 VOLTAGE (V) 3.0 2.5 1000 a 200 800 400 600 DISCHARGE CAPACITY (mAh)

#### Cycle Life Characteristics



#### Discharge Characteristics (by rate of discharge)



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Please contact us for more details of the specification.