

Ultra Pulse Capacitor UPC1550



Key Features

- Hermetically Sealed
- Low Leak Current
- Long Shelf Life
- High Reliability
- Safe Design
- Wide Operating Temperature

Main Applications

- Smart Metering
- RFID Devices
- Communication Equipments
- Security System

UPC References Data

Electrical characteristics(23±2°C)

Capacity at 3.67V	560As
Cut-o Voltage	2.5V
Maximum Continuous Discharge Current	2.0A
Maximum Pulse Discharge Current(1s)	5.0A
Pulse Discharge Voltage (-25 °C 750mA @10s)	3.2V
Maximum Charge Voltage	3.95V
Maximum Charge Current	200mA
Internal Resistance(1kHz@RT)	100m
Leakage Current@RT	3uA
Leakage Current@80°C	15uA
Operating temperature range	-40 °C ~+85 °C

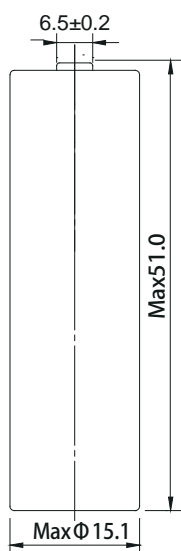
Ultra Pulse Capacitor UPC1550



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Physical characteristics

Diameter(max)	15.1mm
Height(max)	51.0mm
Typical weight	21.5g

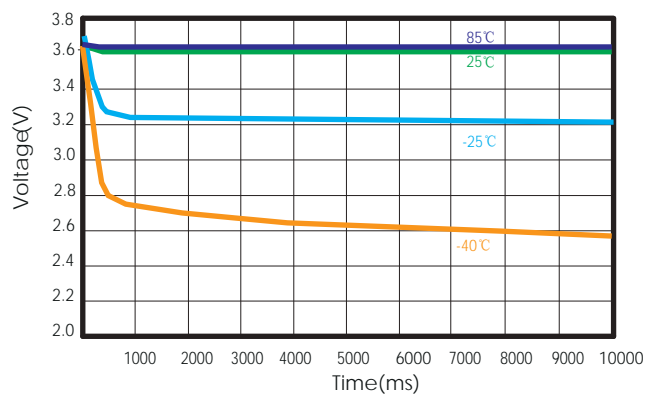


Dimensions in mm (GB1804-m)

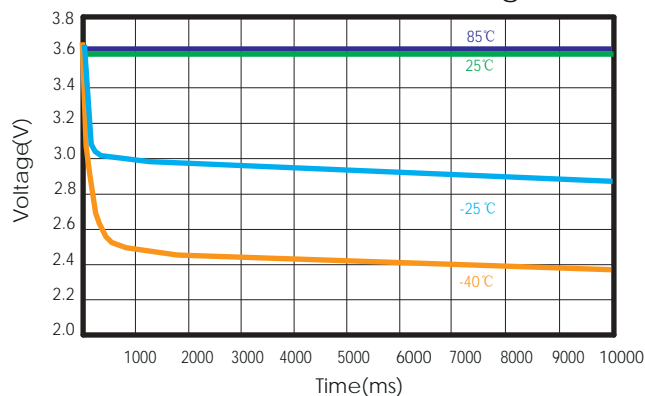
WARNING:

- Do Not Short Circuit
- Do Not Puncture
- Do Not Crush
- Do Not Dismantle
- Do Not Incinerate
- Do Not Heat Above 100°C

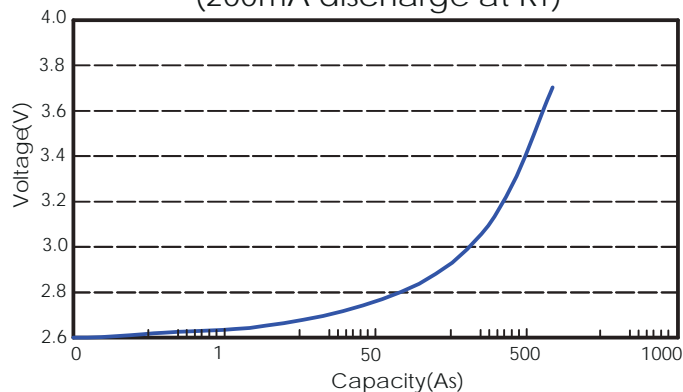
UPC1550 750mA Discharge Curve



UPC1550 1200mA Discharge Curve



UPC1550 Capacity vs.OCV (200mA discharge at RT)



HCB BATTERY CO., LTD

Add: 37 Tianyuan Street, Dongxihu District, Wuhan, Hubei, China

P.O.: 430040

Tel: +86(0)27 83248452

Fax: +86(0)27 83248455

Email: haocheng@cnhcb.com

Web: www.cnhcb.com

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