

Ultra Pulse Capacitor UPC1550



Key Features

- Hermetically Sealed (Glass-to-metal)
- Low Leak Current
- Long Shelf Life
- High Reliability
- Safe Design
- Wide Operating Temperature(-40°C to 60°C)

Main Applications

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

UPC References Data

Electrical characteristics(23±2°C)

Capacity at 3.67V	560As
Cut-off Voltage	2.5V
Maximum Continuous Discharge Current	2.0A
Maximum Pulse Discharge Current(1s)	5.0A
Maximum Charge Voltage	3.95V
Maximum Charge Current	100mA
Internal Resistance(1kHz@RT)	≤100mΩ
Leakage Current@RT	3uA
Leakage Current@80°C	15uA

HCB BATTERY CO., LTD

Add: Special No 1. Taizhong Avenue, Gaoqiao Industrial Park,
Wujiashan Economic Development Zone, Wuhan, P.R.China

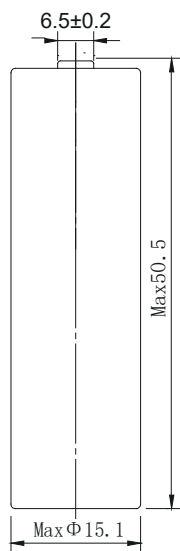
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Physical characteristics

Diameter(max)	15.10mm
Height(max)	50.50mm
Typical weight	21.50g

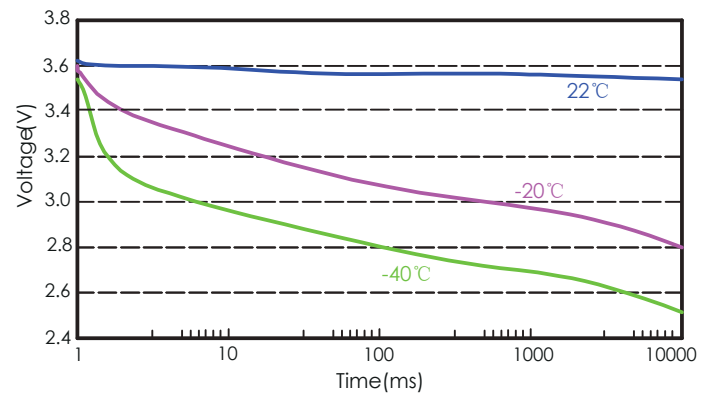


Dimensions in mm (GB1804-m)

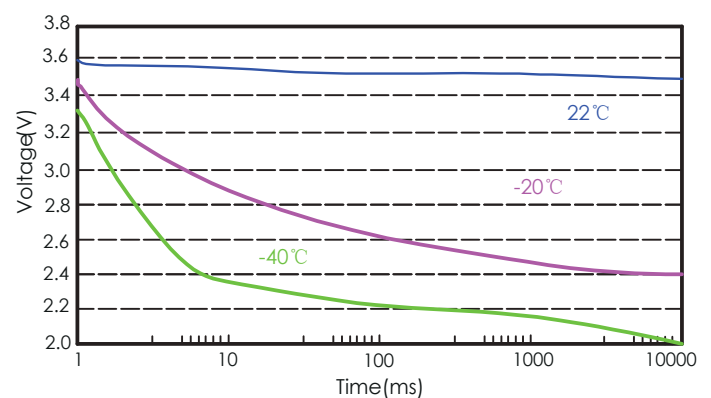
WARNING:

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

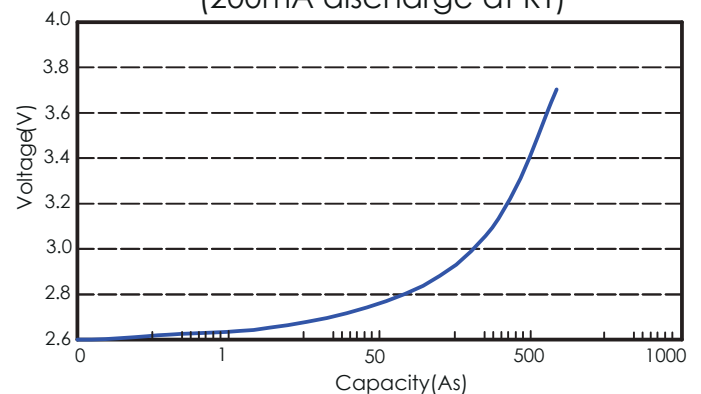
UPC1550 500mA Discharge Curve



UPC1550 1000mA Discharge Curve



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



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