

# HPC-1020



## LONG SING

Hybrid Pulse Capacitor (HPC)

## Performance Data

(Typical values for batteries stored at +25°C for one year)

System	Hybrid Pulse Capacitor cell	Max.Charge Voltage	4.1V
Version	HPC1020	Nominal Charge Current	8mA(-20°C-60°C)
Nominal Voltage	4V	Charge Current	1.6mA(-40°C-85°C)
Nominal Capacity	>36mAh	Cell Impedance @ 1kHz,RT	max. 300mΩ
Nominal Discharge Current	15mA	Nominal Energy	max. 0.14Wh
Max.Continuous Discharge Current	750mA	Weight	4.6g
Discharge End Voltage	2.5V	Dimension	Φ10.2*H20.0mm

## Key Features

- Rechargeable
- Up to 5000 cycles
- Glass-to-metal seal technology
- Extremely low self discharge rate
- Charging possible at extreme temperature

## Main Applications

- Utility Meters(AMR)
- Asset, Container & Cargo Tracking
- Communication Equipment
- Sonar Buoys
- Emergency Call

## Safety:

UL1642 , IEC62133 , UN38.3

## Warning:

- Fire, explosion, and severe burn hazards.
- Do not disassemble, heat above 100°C, short circuit, incinerate or expose contents to water.
- Do not charge above 4.1V.

## Performance Data

