

Sunmoon Battery

HPC1520

Hybrid Pulse Capacitor (HPC) 4.0V



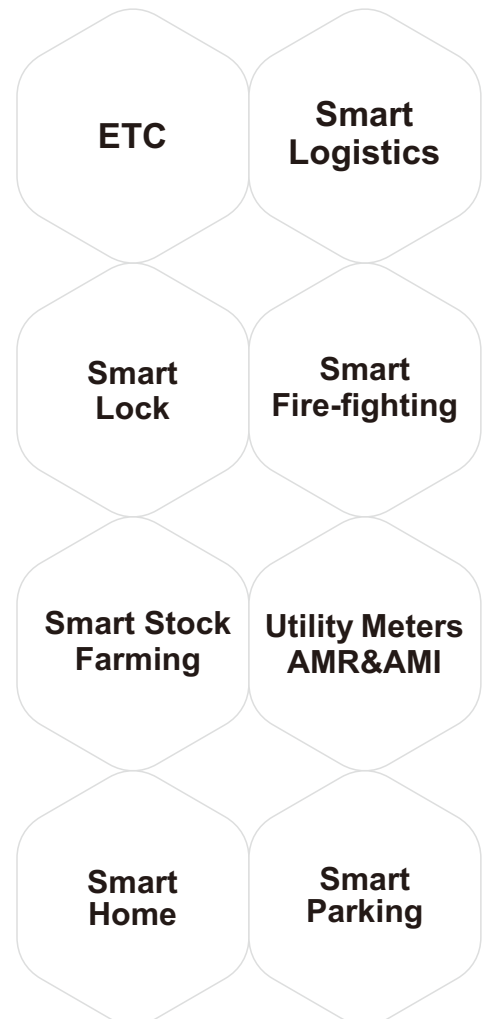
• Electrical Specification

Nominal Voltage	4.0V
Impedance	≤130mΩ
Nominal Capacity <i>After standard charging, 1C discharge to 2.75V at 25°C±3°C [C is the nominal capacity value under specified voltage]</i>	144AS(40mAh)@3.67V 270AS(75mAh)@3.90V 324AS(90mAh)@4.00V
Max. Continuous Discharge Current	700mA
Max. Pulse Discharge Current	2000mA
Discharge Cutoff Voltage	2.5V
Operating Temperature	-40°C ~ +85°C
Max. Energy	0.3Wh
Weight	≤9g

• Advantages

- Nominal voltage 4.0V, maximum charging voltage 4.0V, discharge cutoff voltage 2.5V
- High power discharge; Small in size and lightweight with excellent sealing performance and good applicability
- Parallel connection with Li/SOCl₂ to increase the energy output efficiency of Li/SOCl₂
- Parallel connection with Li/SOCl₂ to prevent the passivation [or voltage delay] of Li-SOCl₂

• Main Applications



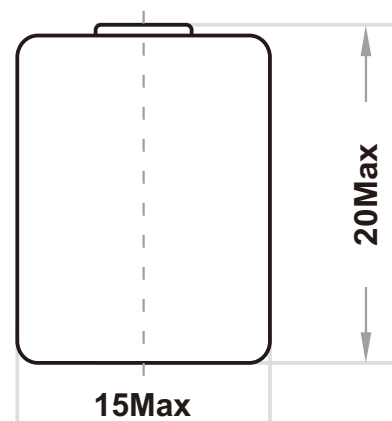
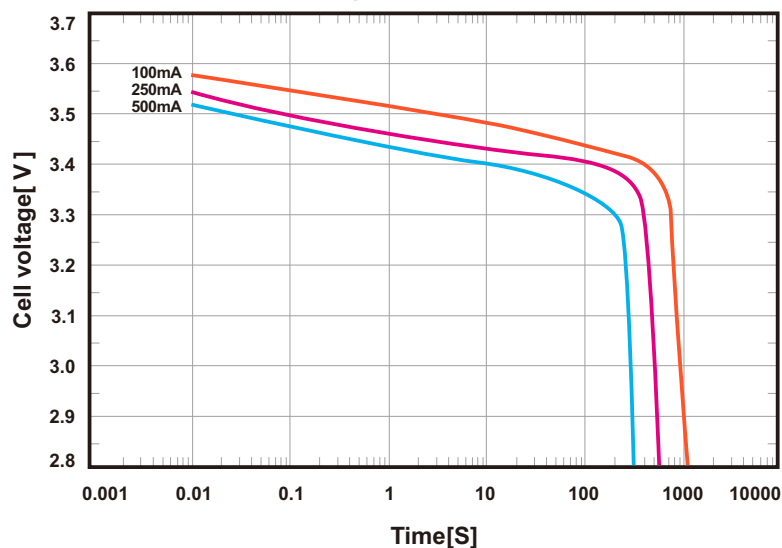
**Customer Satisfaction is the Purpose We Always Adhere to,
Continuous Improvement is the Direction We Always Pursue!**

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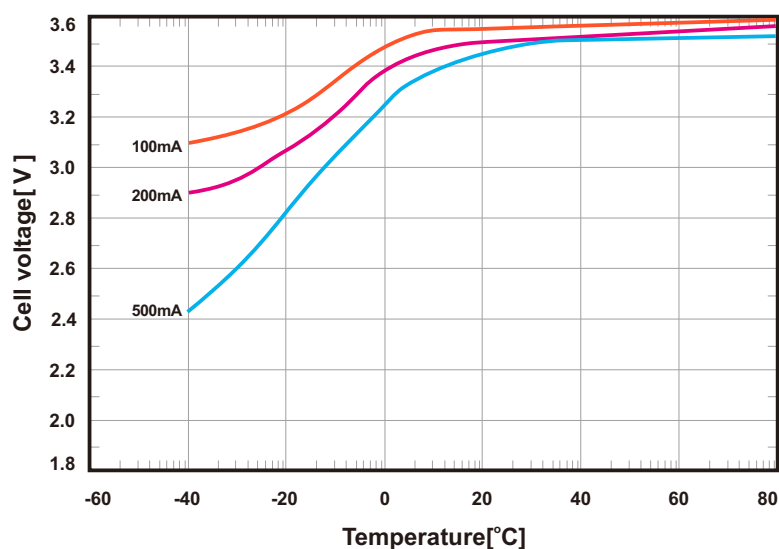
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Voltage VS Pulse Time



Temperature VS 1S Pulse Cutoff Voltage



• Available Terminations

- S: Standard Termination
- T: Solder Tabs
- Customized terminations are available

• Warning

- Do not expose the battery to open flame, inflammable and explosive articles.
- Do not recharge, short-circuit, disassemble, incinerate the battery or heat the battery to more than 100°C.
- Do not use the battery beyond the permitted temperature range.

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