

昊诚企业
SUPER POWER

昊诚电池

ER+UPC Solution

--- HCB Battery Co., Ltd.

April, 2020

Technical solution

The use of intelligent water meters requires a comprehensive consideration of possible problems. HCB has more than 10 years of experience in water meter customer service. After years of verification, we mainly introduce the parallel combination of ER bobbin type batteries and UPC(ultra pulse capacitors) to solve the problems listed above.



ER bobbin type battery

(typical model
ER34615/ER26500/ER18500/ER1
4505/ER14250)



UPC (ultra pulse capacitor)

Obvious Advantages:

- + The combined product inherits the capacity and safety advantages of bobbin type battery;
- + Compared with ER batteries and farad capacitors, it has significant advantages about the discharge capacity;
- + Multiple combinations are available;
- + No voltage hysteresis;

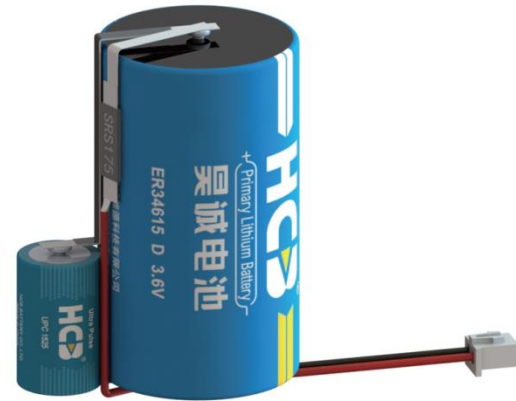
ER+UPC assembly way



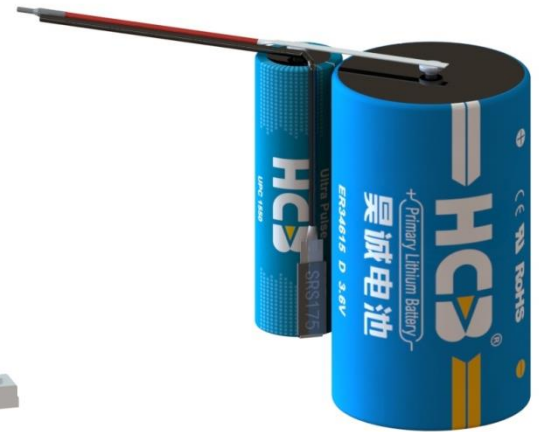
ER18505+UPC1520



ER26500+UPC1520

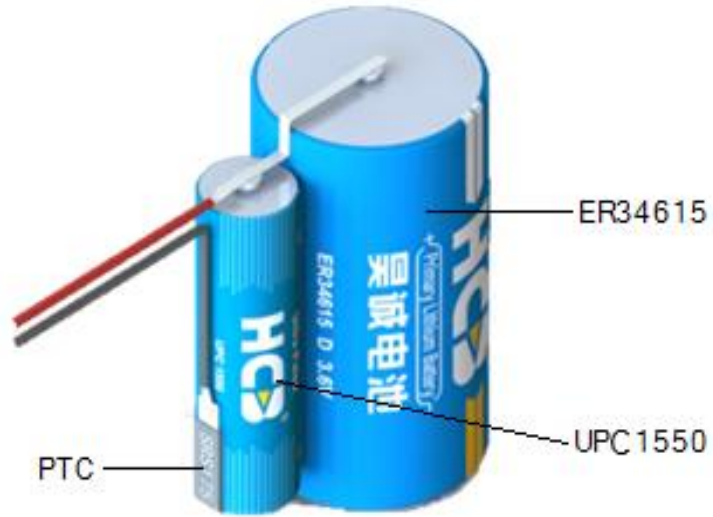


ER34615+UPC1520

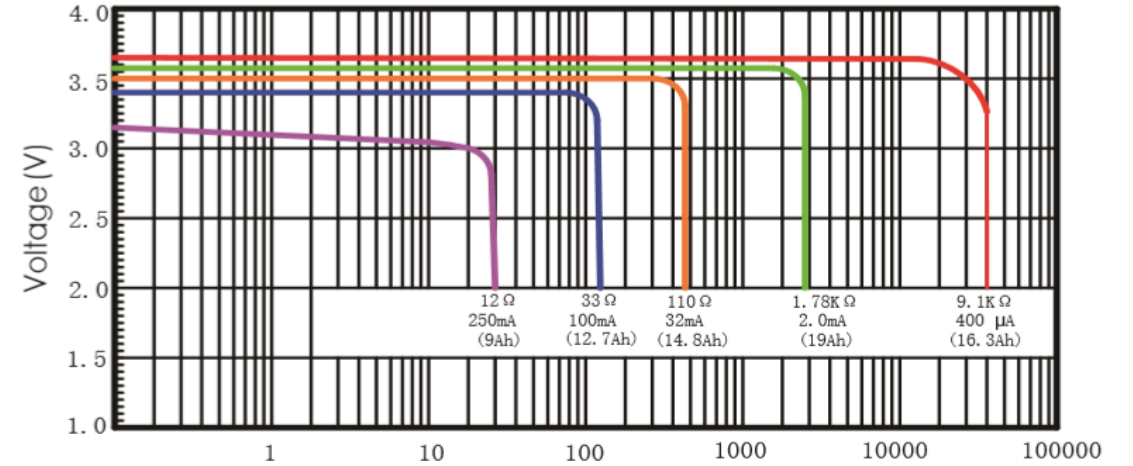


ER34615+UPC1550

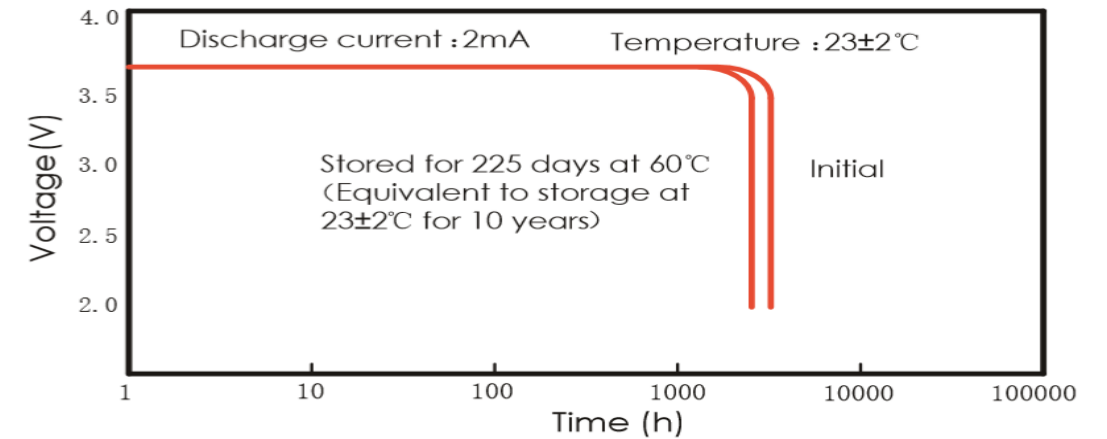
ER34615+UPC1550 Technical Data



1. Typical discharge profiles at $23\pm 2^\circ\text{C}$ (at the mid-discharge)



3. Storage characteristics



With Experience of 23 Years

And Wisdom of 500 Persons

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