

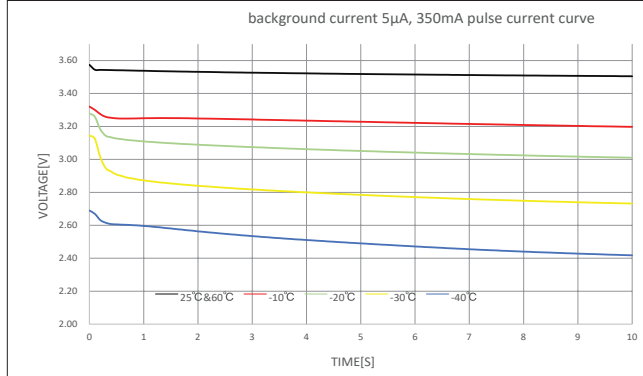
# ER26500+HPC1520

## IOT-20C

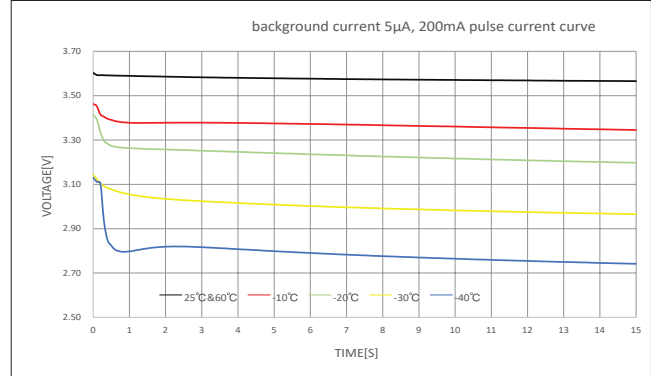
### Specification

Nominal effective capacity	8.5Ah
Nominal voltage	3.66V
Load voltage (@5 ohm)	≥3.2V
Maximum pulse current (@1S, @3.0V)	1A
Annual average capacity reduction rate	≤2%
Operating temperature range	-40°C~+85°C

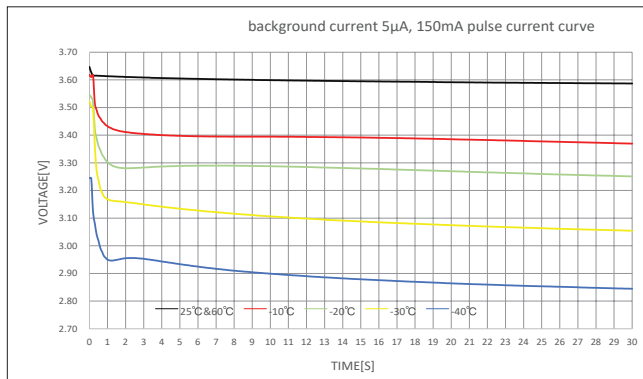
### Periodic pulse performance



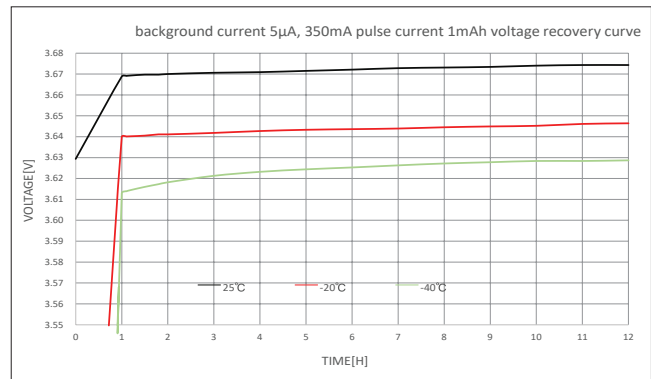
After a single pulse, before the next pulse arrives, when it is converted to a static background current of 5µA, the voltage recovery of the battery pack within 12 hours. The pulse current is 350mA and below, the capacity is 1mAh and below, please refer to the voltage design of this graph



In a single pulse duty cycle, the peak current is 350mA and below, and the pulse capacity is 3.5AS/0.97mAh and below. You can refer to this graph for voltage design.



In a single pulse duty cycle, the peak current is 200mA and below, and the pulse capacity is 3.0AS/0.83mAh and below. You can refer to this graph for voltage design.



In a single pulse duty cycle, the peak current is 200mA and below, and the pulse capacity is 3.0AS/0.83mAh and below. You can refer to this graph for voltage design.

**Warning:** • Risk of fire or explosion. • Do not charge, incinerate, disassemble, heat above 100°C, or expose contents to water.