

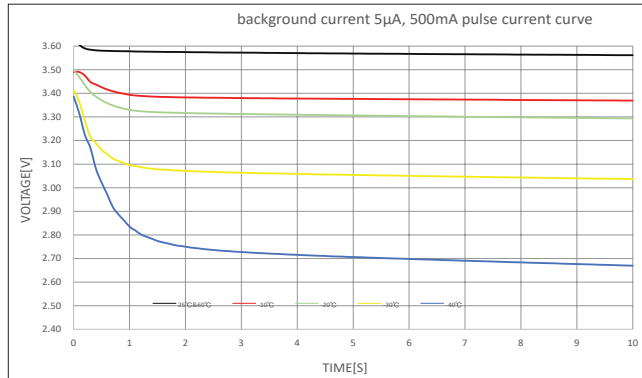
# ER34615+HPC1550

## IOT-50D

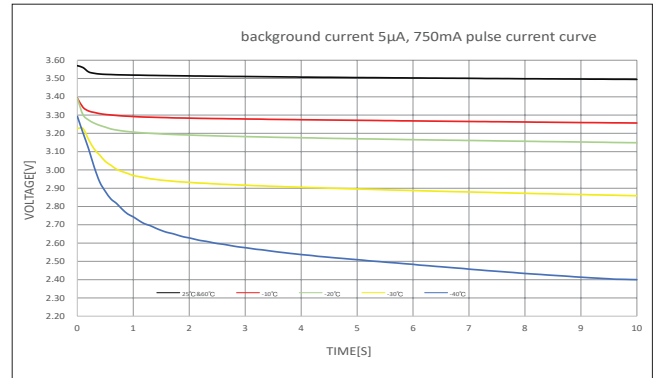
### Specification

Nominal capacity	19.0Ah
Nominal Voltage	3.66V
Load voltage (@5 ohm)	3.4V
Maximum pulse current (@1S, @3.0V)	3A
Annual average capacity reduction rate	≤2%
Operating temperature range	-40°C~+85°C

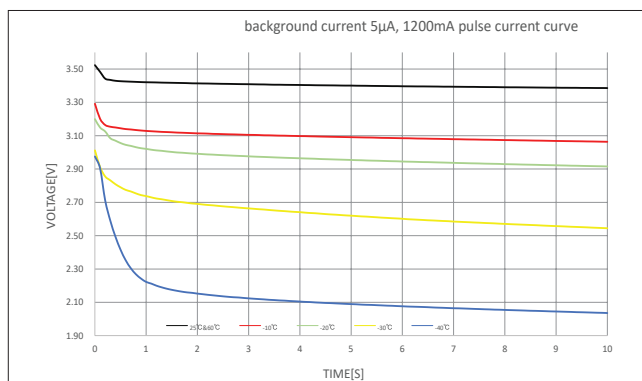
### Periodic pulse performance



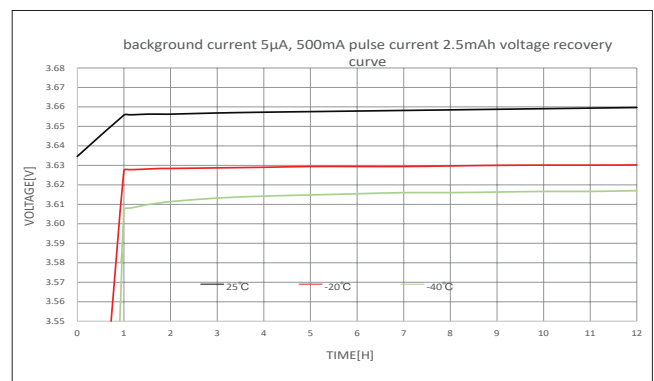
In a single pulse duty cycle, the peak current is 500mA and below, and the pulse capacity is 5AS/1.39mAh and below. You can refer to this graph for voltage design.



In a single pulse duty cycle, the peak current is 750mA and below, and the pulse capacity is 7.5AS/2.08mAh and below. You can refer to this graph for voltage design.



In a single pulse duty cycle, the peak current is 12600mA and below, and the pulse capacity is 12AS/3.3316mAh and below. You can refer to this graph for voltage design.



After a single pulse, before the arrival of the next pulse, 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 500mA and below, and the capacity is 2.5mAh 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.