FOR HIGH PULSE CURRENT

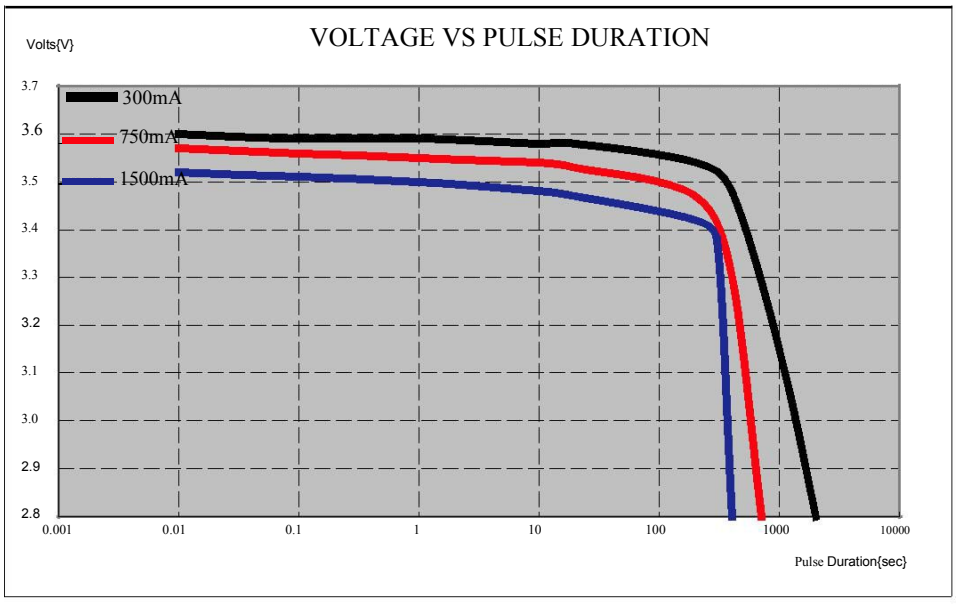
IOT-ER26500/HPC1550

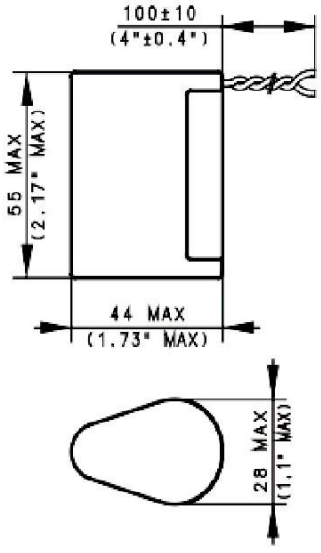
- INSTANT VOLTAGE RESPONSE
- WIDE OPERATING TEMPERATURE RANGE
- EXTREMELY LOW SELF DISCHARGE RATE

TECHNICAL DATA

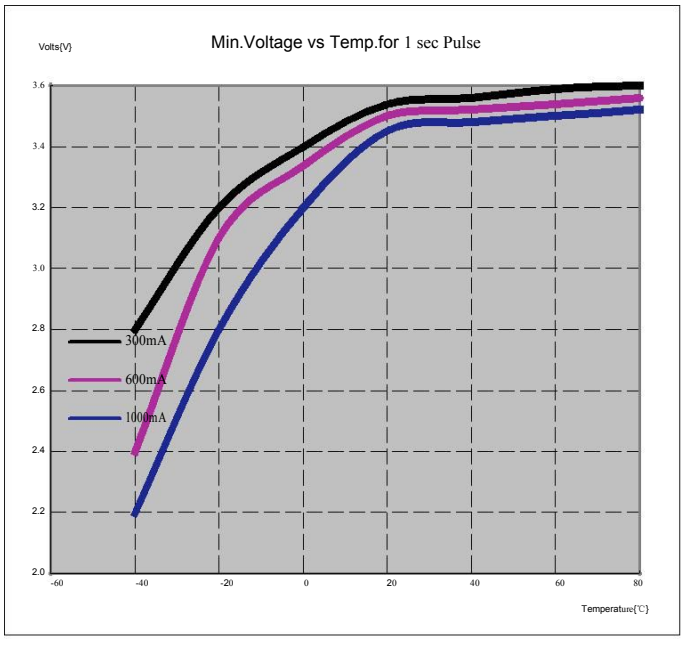
(Typical values @+25℃ for batteries stored for one year or less)

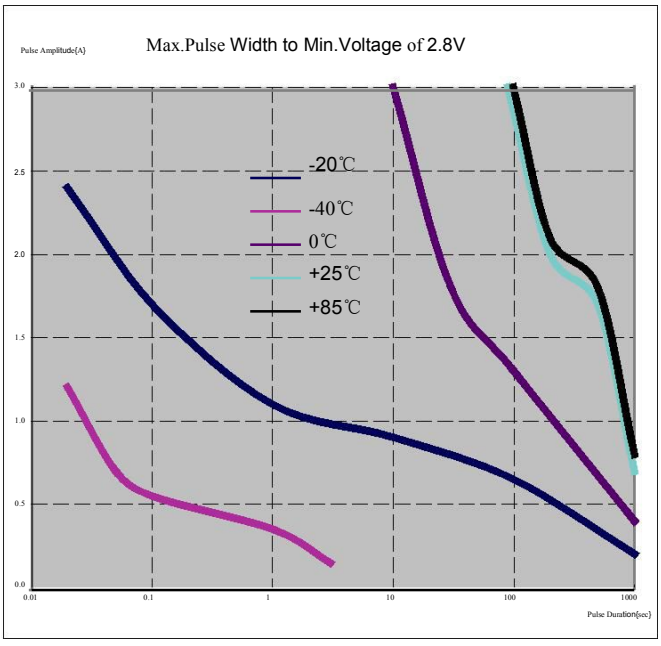
Capacity to 3.0V (@0.5A @1% duty cycle)	8.5Ah
Nominal voltage	3.6V
Maximum 1 second pulse to 3.0V	3A
Maximum pulse length @0.5A to 2.8V	1000sec
Delay time to 3.0V @0.5A	No Delay
Weight	100gr
Operating temperature range	-40℃ to +85℃
Capacity retention after 10 years	93%





Note: For best performance battery should be mounted in the application in upright or horizontal position.





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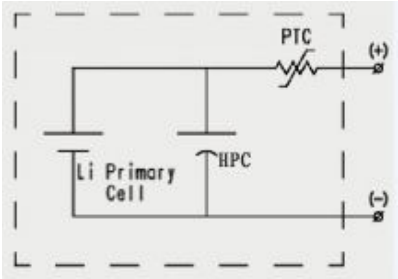
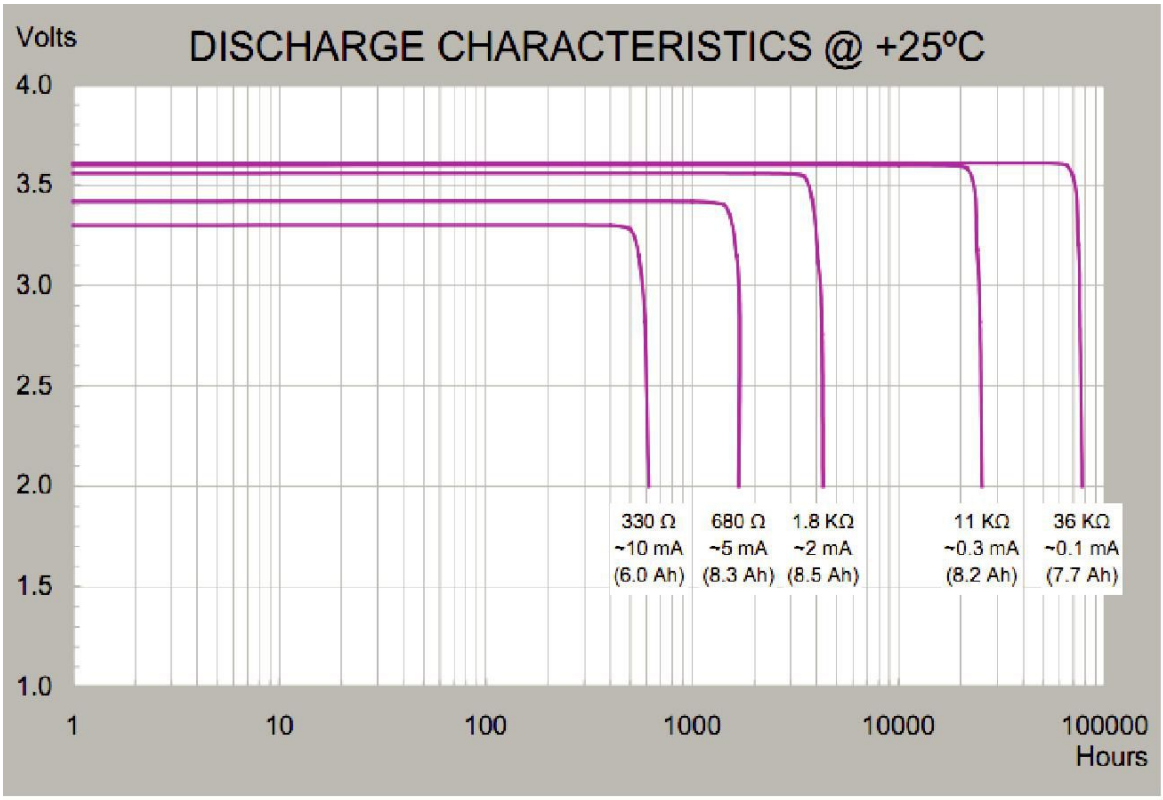
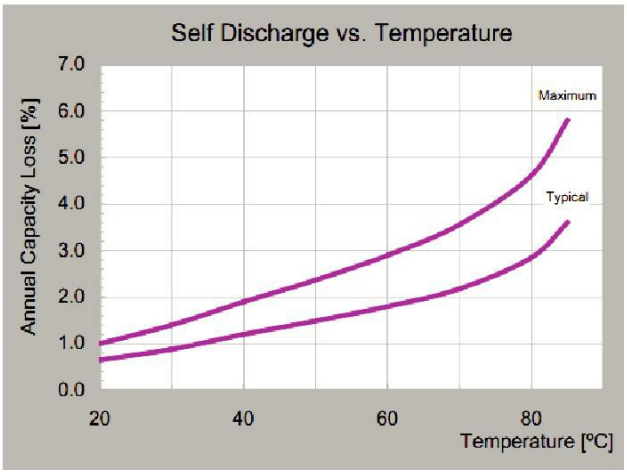
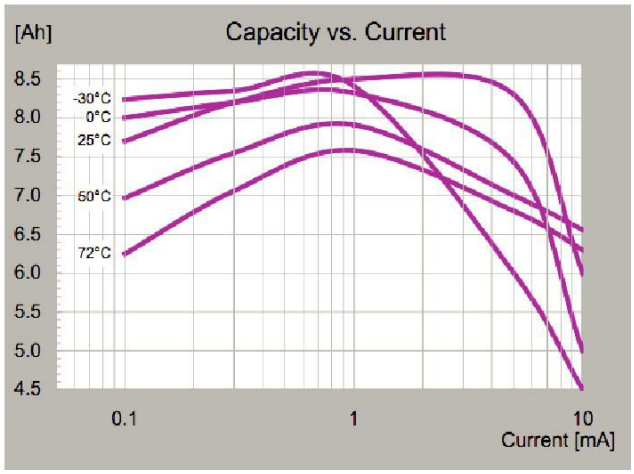
The battery is designed specifically for applications requiring low background currents combined with high current pulse.The high pulse current battery combines the inherent benefitd of bobbin type lithium thionyl cell with a novel hermetically sealed Hybrid Pulse Capacitor(HPC).The addition of the HPC enhances the performance of the lithium thionyl chloride cell to meel large pulse current requirements,thus providing greater performance and safety in comparison to jellyroll construction (spirally wound) type batteries.



*The PTC is optional and not necessary in many cases







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