

FOR HIGH PULSE CURRENT

# ER 34615/HPC1550

## TECHNICAL DATA (23±2°C)

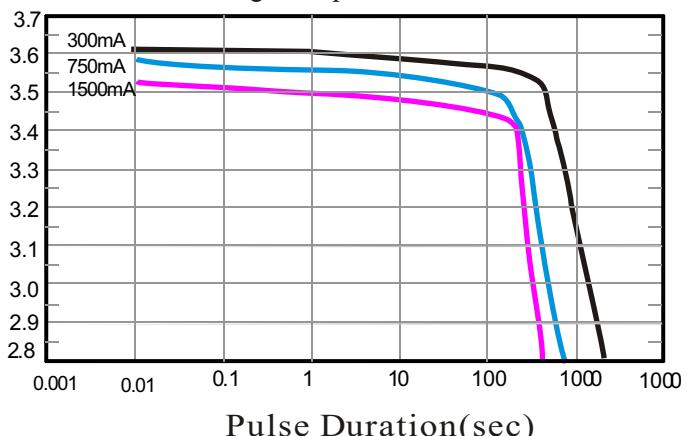
Capacity to 2.5V(@500mA@1% duty cycle)	19Ah
Nominal voltage	3.6V
Maximum 1 second pulse to 2.5V	3000mA
Maximum pulse length @500mA to 2.5V	1000sec
Delay time to 3.0V @ 500mA	No Delay
Typical weight	140g
Operating temperature range	-40°C~+85°C
Capacity retention after 10 years	96%
UL Component Recognition MH 29130	

## Benefits

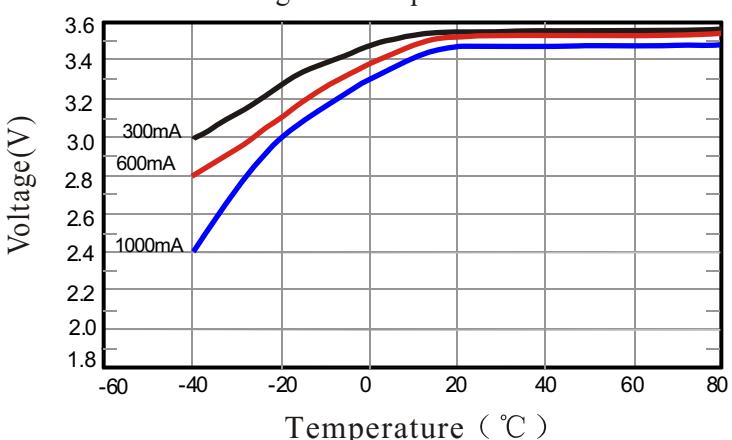
- High energy density
- High voltage, stable during most of the applications lifetime
- Wide range of operating temperature (-40°C~+85°C)
- Long storage life

ISO9001 CE RoHS

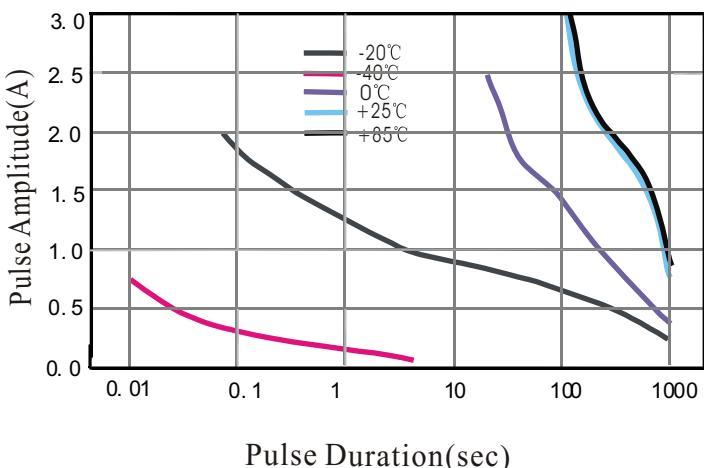
Voltage vs pulse duration



Min. Voltage VS Temperature for 1 sec Pulse

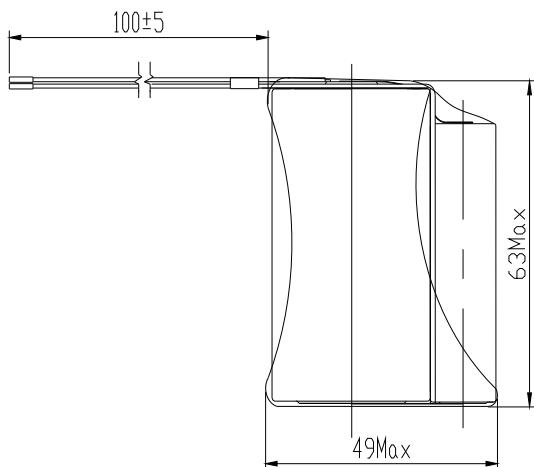


Max. Pulse Width to Min. Voltage of 2.8V



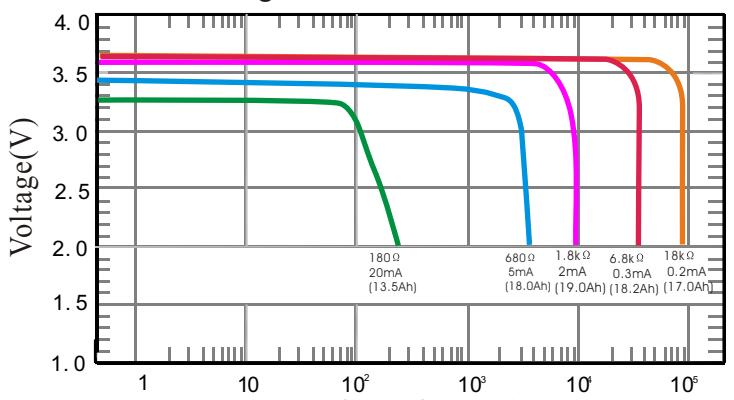
## FOR HIGH PULSE CURRENT ER 34615/HPC1550

The battery is designed specifically for applications requiring low background currents combined with high current pulse. The high pulse current battery combines the inherent benefit 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 meet large pulse current requirements, thus providing greater performance and safety in comparison to jellyroll construction (spirally wound) type batteries.

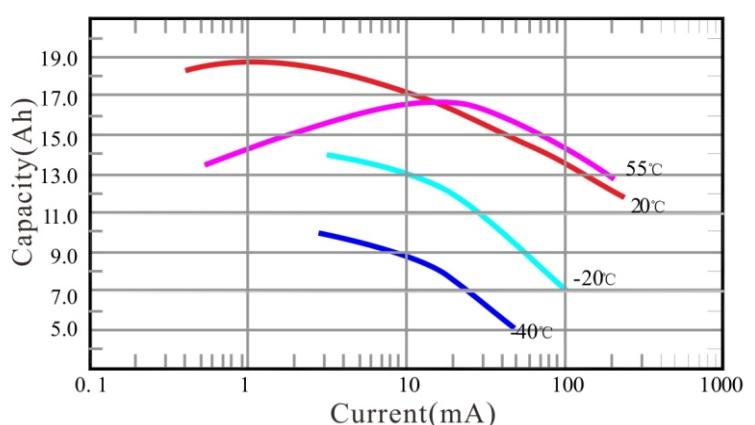


**ISO9001 CE RoHS**

Discharge Characteristics at  $23 \pm 2^\circ\text{C}$



Capacity vs. Current



Self Discharge vs. Temperature

