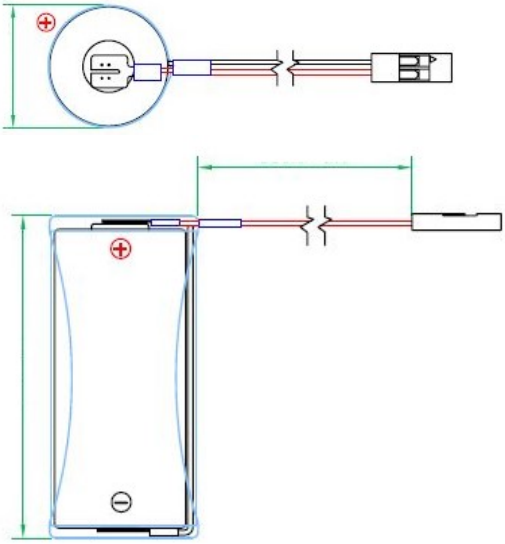
TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Cell Model	ER17500	
Nominal Voltage	3.65V±0.05V	
Typ. Capacity	**3.400 mAh**	Discharged Capacity at 1mA,+25°C, 2.0V Cut off
Maximum Recommended Continuous Current	100 mA	Discharged to 2.0V at + 25°C permitting %50 of the nominal capacity to be achieved
Maximum Pulse Capability	200 mA	200Mah,0.1 second pulses drained every 2 min, at 25°C from undicharged cells with 20uA base current, yield voltage readings above 2.7V , the value may vary according to the pulse charecteristics, the temperature and the cell' s previous histroy
Configuration	**1S1P**	
Operating Temperature Range	-55°C+85°C	
Benefits	High voltage, stable during most of the application' s lifetime Wide operating temperature range (-55°C+85°C) Low self-discharge rate (less than 1 % per year of storage at + 20°C) Easy integration into compact systems Superior resistance to atmospheric corrosion	
Storage	Stored in cleand, dry and cool circumstances (the temperature should be 20° degrees or lower Storage room maintained at a temperature not exceeding 30°C.	
Key features	Stainless steel container and end caps (low magnetic signature) Hermetic glass-to-metal sealing Non-flammable electrolyte Compliant with IEC 86-4 safety standard and IEC 60079-11 intrinsic safety standard Underwriters Laboratories (UL) Component Recognition (File Number MH46165) Non-restricted for transport	
Main applications	Utility metering Automatic meter reading Alarms and security devices Memory back-up Tracking systems Automotive electronics Professional electronics	

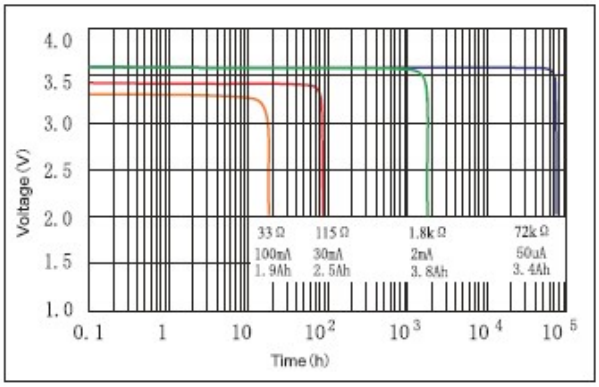
Dimensions	
Diameter	17.5± 0.5 mm
Height	50.5± 0.5 mm
Connector Model	Molex 51005-0200
Cable Length	100mm/22AWG

Cell Image

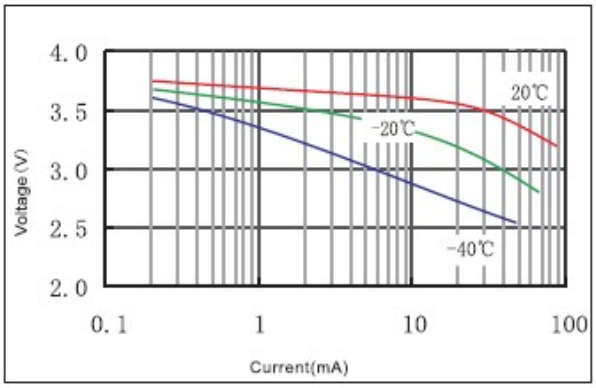
Battery Pack Drawing



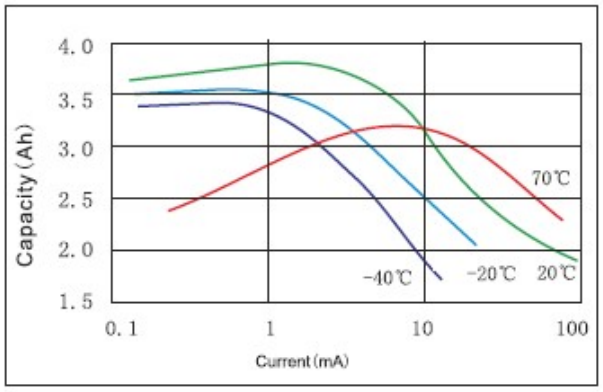
Typical Discharge Characteristics at 25°C



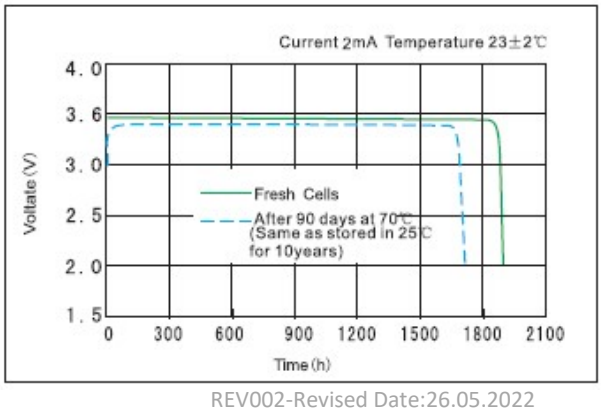
Voltage and Temperature Curve



Capacity and Current Curve (Cut off with 2.0V)



Discharge Characteristics after storage



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