

**battery type:**  
**battery size:**  
**chemical system:**

Lithium primary battery  
 ER14250H (1/2AA)  
 Lithium Thionyl Chloride Battery



<https://www.mega-piles.com/>

**conditions, remarks**

typical values for batteries stored for 1 year at max. 30°C

**nominal voltage:** 3.6 V  
**open circuit voltage:** 3.66 V new battery

**capacity nominal:** 1200 mAh discharge at 1mA constant; 24hours/day  
 End Voltage (EV): 2.0V

**discharge max. continuous current:** 25 mA (achievable capacity approx. 50% when discharge to 2.0V, ta: 25°C)  
 (recommended)

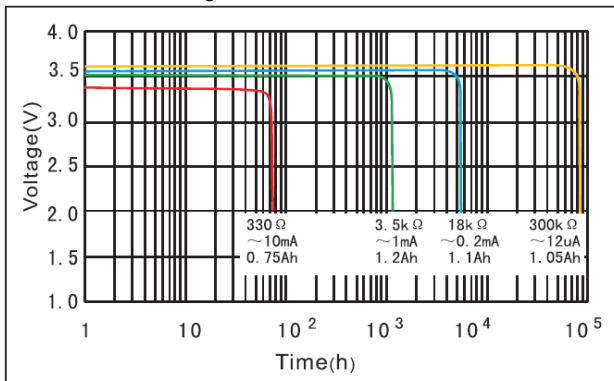
**max. pulse current:** 100 mA 0.1s pulses every 2 minutes

**load voltage (CCV):** ≥ 3.2 V at 330 Ω load (for IQC measurement)

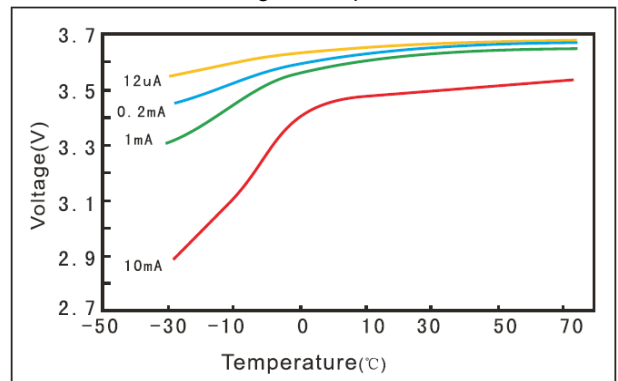
**ambient temperature range:**

- 55...85 °C operating temperature  
 5...20 °C recommended storage temperature

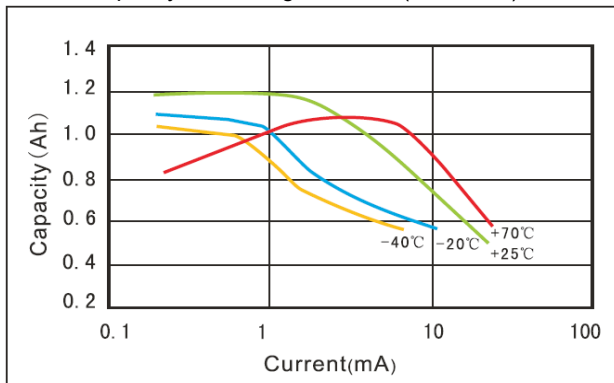
Discharge Characteristics at 25°C



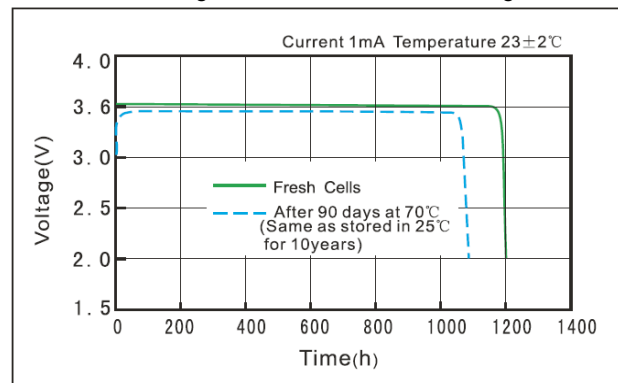
Voltage - Temperature



Capacity - Discharge Current (E.V. 2.0V)

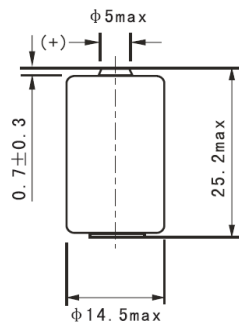


Discharge Characteristics after storage



**mechanical specifications**

cell dimensions:



**weight:** 9 ± 0.5 g

dimensions in mm



<b>ANSMANN Specifications for model:</b>	<b>Lithium Thionyl Chloride Battery ER14250H</b>
data sheet no. / part no.	
s.n.	704667
author / date	TG / 04.05.2020