

battery type: Lithium primary battery
battery size: ER14250H (1/2AA)
chemical system: Lithium Thionyl Chloride Battery

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%
 (recommended) when discharge to 2.0V, ta: 25°C)

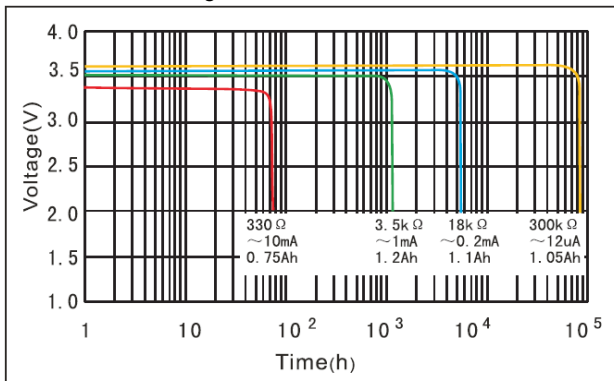
max. pulse current: 100 mA 0.1s pulses every 2 minutes

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

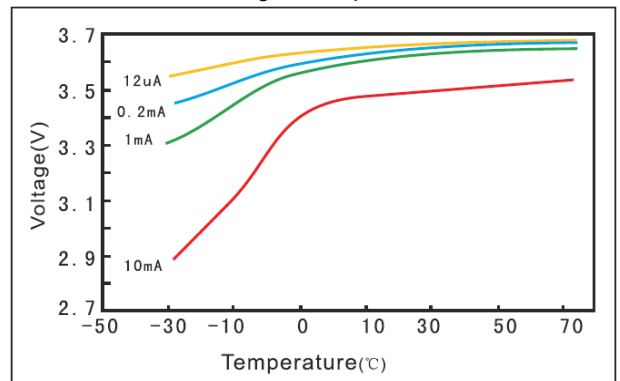
ambient temperature range:

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

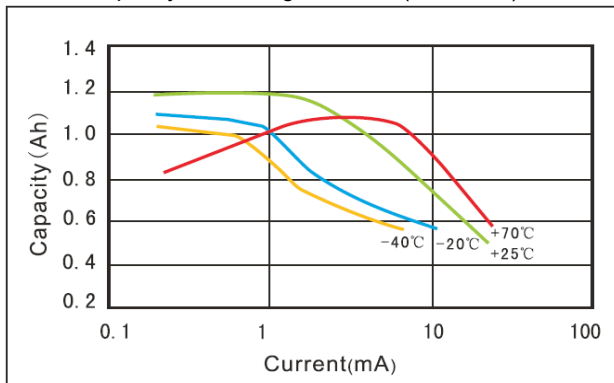
Discharge Characteristics at 25°C



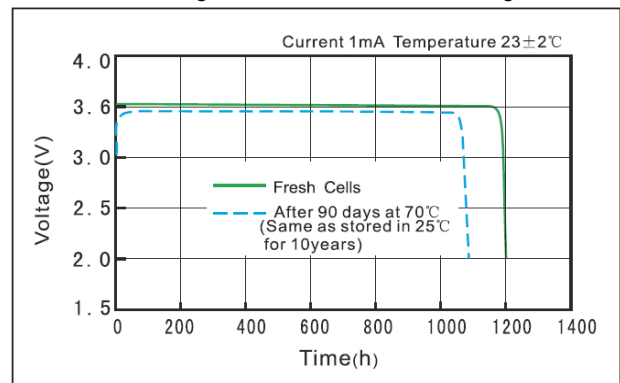
Voltage - Temperature



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

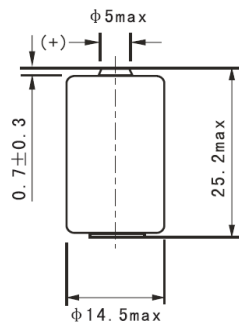


Discharge Characteristics after storage



mechanical specifications

cell dimensions:



weight: 9 ± 0.5 g

dimensions in mm



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