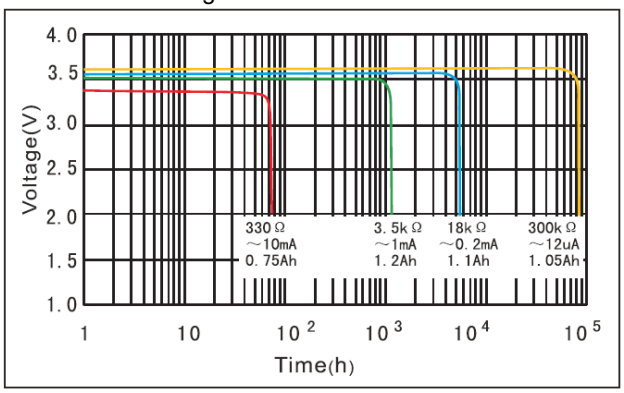
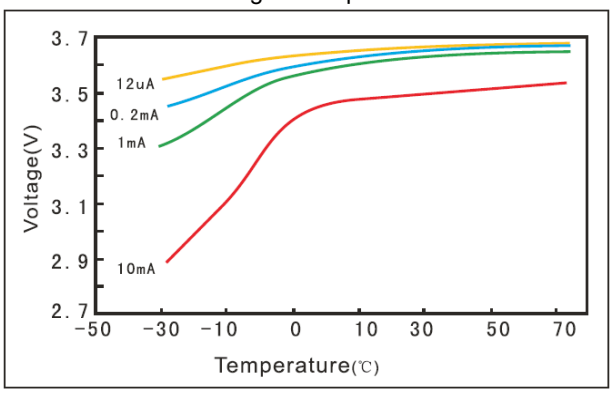
battery type:			Lithium primary battery
battery size:			ER14250H (1/2AA)
chemical system:			Lithium Thionyl Chloride Battery
			conditions, remarks
			typical values for batteries stored for 1 year at max. 30°C
nominal voltage:	3.6	V	
open circuit voltage:	> 3.64	V	new battery
capacity			
nominal:	1200	mAh	discharge at 1mA constant; 24hours/day; end voltage (EV):2.0V
min. operation time:	≥ 70	h	at 330 Ω load; 24h/d; EV: 2.0V (for IQC measurement)
discharge			
max. continuous current: (recommended)	25	mA	(achieveable capacity approx. 50% 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

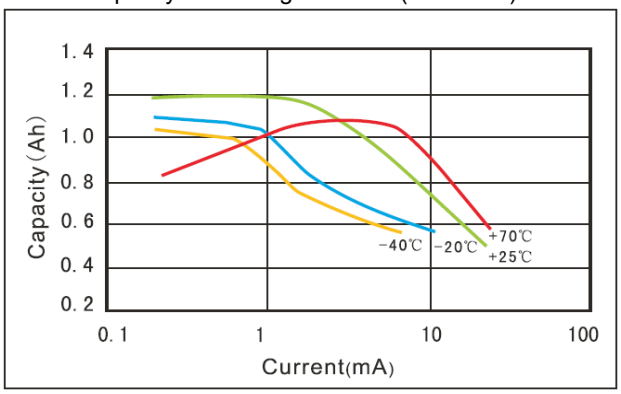
Discharge Characteristics at 25°C



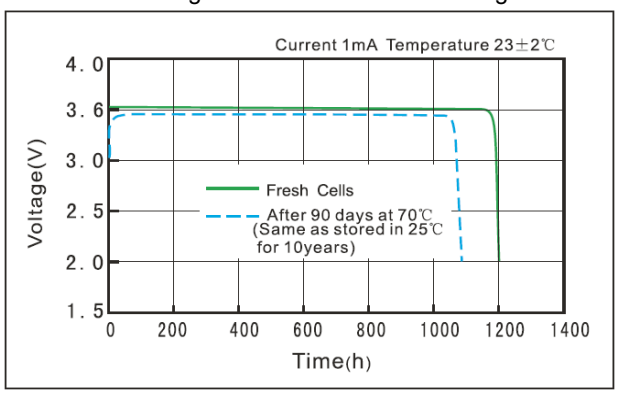
Voltage - Temperature



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

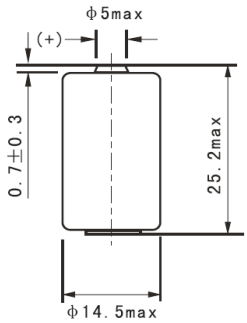


Discharge Characteristics after storage



mechanical specifications

cell dimensions:



weight: 9 ± 0.5 g

dimensions in mm

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ANSMANN	**ANSMANN Specifications for model:**	**Lithium Thionyl Chloride Battery ER14250H**
	data sheet no. / part no.	
	s.n.	704667
	author / date	TG / 30.08.2023