

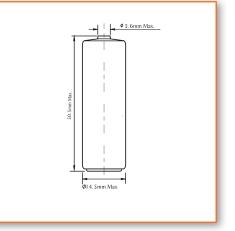
# LITHIUM-THIONYL CHLORIDE BATTERY

PILE LITHIUM CHLORURE DE THIONYLE

### **MAIN INFORMATION / INFORMATIONS GÉNÉRALES**

SIZE	FORMAT	ER14505 - AA
BRAND	MARQUE	NX
TECHNOLOGY	TECHNOLOGIE	Lithium-thionyl chloride / Lithium Chlorure
		de thionyle (Li-SOCl2)
STRUCTURE	STRUCTURE	Bobbin
NOMINAL VOLTAGE	TENSION NOMINALE	3.6V
NOMINAL CAPACITY	CAPACITÉ NOMINALE	2.7Ah (at 2mA, +25°C, 2.0 cut off)
MAXIMUM CONTINUOUS DISCHA	ARGE CURRENT	50mA
COURANT DE DÉCHARGE CONTINU MAXIMUMI		
MAXIMUM PULSE CURRENT	COURANT PULSE MAXI	150mA
		(/0.1 second pulse, drained every 2 min at 25°C)
OPERATING TEMPERATURE RANGI	E PLAGE DE TEMPÉRATURE	-60°C/+85°C
STORAGE TEMPERATURE RANGE	PLAGE DE TEMPÉRATURE DE STOCKAGE	30°C max
LITHIUM CONTENT	LITHIUM CONTENU	< 1gr
PROTECTION	PTC	No
DIMENSIONS	DIMENSIONS	
• <b>Diameter</b> / Diamètre		14.5mm (+/-0.5)
• HEIGHT / HAUTEUR		50.5mm (+/-1)
WEIGHT	POIDS	19 gr
CERTIFICATIONS		UN38.3 / IEC60086-4 / UL
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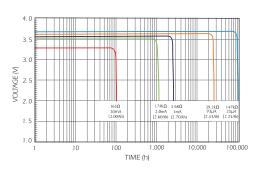
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OUTLINE SAFETY WARNING: USE ONLY WITH IN THE ALLOWED PARAMETERS. Do not short circuit or over-load the battery. Charge only using an approved charger designed specifically to charge this battery. Do not heat above maximum temperatures indicated. Never crush, mutilate, puncture or abuse the battery. Do not dismantle the pack or disable any of the protective devices or circuits. DO NOT USE THE BATTERY IF YOU SUSPECT IT MAY BE FAULTY OR DAMAGED.

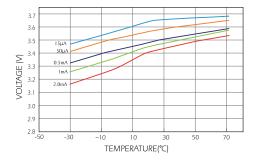
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### **DISCHARGE CURVES / COURBES DE DÉCHARGE**

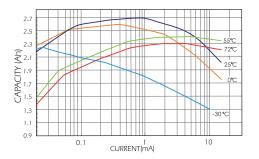


Typical discharge profile at +25°C (Median value)

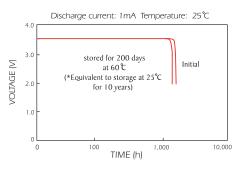
## Voltage plateau versus Current and Temperature (at mid-discharge)



## Capacity versus Current and Temperature (2.0V cut off)



#### STORAGE CHARACTERISTICS





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