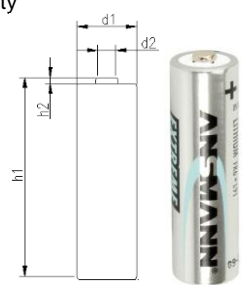
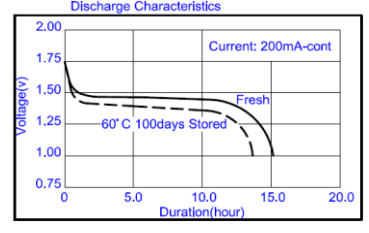
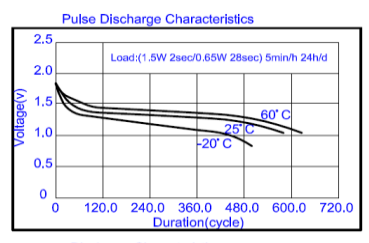
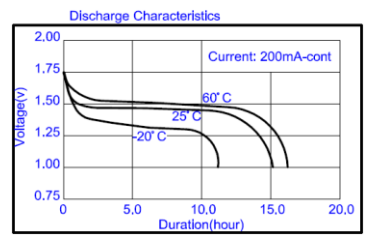
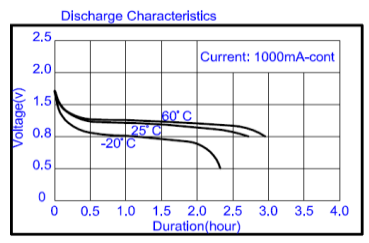


battery type:	Lithium - Iron Disulfide	
battery size:	IEC: FR6; ANSI: AA; L91; Mignon	
chemical system:	Li-FeS ₂	
Conditions		
nominal voltage:	1.5 V	
open circuit voltage:	1.75...1.85 V	new battery
	1.70...1.85 V	after 1 year storage at 20°C
capacity rated:	3000 mAh	all measurements at 20°C ambient discharge at 75ohms load; 24hours/day End Voltage (EV): 0.9V
minimum:	2850 mAh	discharge at 35mA constant current End Voltage (EV): 0.8V
	2700 mAh	discharge at 1000mA const. current End Voltage (EV): 0.8V
typical service output (new batteries)		
	≥ 960 cycles	discharge at 1000mA; EV: 0.9V discharge 10s/m 1h/d
	≥ 84 h	load resistor: 43ohms; EV: 0.9V discharge 4h/d
	≥ 170 min	discharge at 1000mA; EV: 0.9V discharge 24h/d
	≥ 20.3 h	load resistor: 10ohms; EV: 0.9V discharge 24h/d
	≥ 12.0 h	discharge at 250mA; EV: 0.9V discharge 1h/d
internal resistance:	≤ 350 mΩ	at 1kHz, sine wave measurement full battery
max. discharge current:	2000 mA	continuous
	3000 mA	pulse
shelf life:	10 years	under proper storage conditions
leakage resistance over discharge:	no leakage	10ohms continuous discharge for 48h; ta: 20°C; RH: 60±15%
high temperature:	no leakage	store 20days at ta: 60°C; RH:90±5%
ambient temperature range:	- 40...60 °C	
recommended storage conditions:	-20...40 °C	ambient temperature
	45...75 %	rel. humidity
mechanical specifications		
washer:	no, without white washer	
cell dimensions		
diameter d1:	14.3 - 0.4 mm	
diameter d2:	5.2 - 0.5 mm	
height h1:	50.4 - 0.4 mm	
height h2:	1.7 - 0.5 mm	
weight:	15 ± 2 g	
blister card dimensions:	85 x 120 mm	
weight (incl. batteries):	73 ± 5 g	



	ANSMANN Specifications for model:	Ansmann Lithium Battery	AA
		- size 4pcs blister package	
	data sheet no. / part no.	1512-0002	
	supplier no.	703331	
author / date	AC / 16.12.2014		

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice