Title	Model	Description	Page			
Product Specification	LFB AAA	Lithium/Iron Disulfide (Li/Fe§)	1			
1. Preface						
The purpose of this product specification is to provide technical information for the Lithium/Iron						
Disulfide (Li/FeS ₂) Lithium battery LFB AAA						
Co., Ltd.						
2. Description and Model						
2.1 Description		Lithium/Iron Disulfide (Li/Fe§)	· -/			
2.2 Model		LFB AAA	LFB AAA			
3. Specification						
3.1 Rated Capacity		1100mAh at 350mA discharge	1100mAh at 350mA discharge			
3.2 Average Weight		7.7g	7.7g			
3.3 Nominal Voltage	•	1.5V				
3.4 Work Voltage		1.30V at Constant current 100mA disch	1.30V at Constant current 100mA discharge			
3.5 Cut-off Discharg	e Voltage	0.80V				
3.6 Max.Discharge C	Current	1000mA				
3.7 Volume		3.8 cubic centimeters (0.2 cubic inch)				
3.8 Lithium Content		Less than 0.5 gram (0.02 oz.) per cell				
3.9 Ambient Temperature						
for Standard Cha	rge					
for Discharge		-20 °C∼ 45 °C				
3.10 Storage						
for within the temperature		-20 °C∼ 45 °C				
for within the humidity		≤75%				
3.11 Energy Density						
Wh/L						
Wh/Kg						
3.12 Shell Life		10years				
3.13 Charge State Internal Impedance						
4.Appearance						
Appearance shall be free from any remarkable scratch, flaws, rust, discoloration or electrolyte						
leakage(visible or by smell)						
5.Standard Test condition						
5.1 Environment Conditions						
Unless otherwise specified, all test stated in this Product Specification are conducted within the temperature $15\sim25^{\circ}$ C and the humidity $45\sim85^{\circ}$ RH.						
writing the temperature 15^{-25} C and the numberly 45^{-0570} (1).						

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Product Specification	LFB AAA	Lithium/Iron Disulfide (Li/Fe§)		2		
5.2 Test Equipment						
(1) Impedance meter						
The impedance meter with AC 1kHz should be used						
6.Test Procedure and Its Standard						
Item		Measureing Procedure	Standard			
6.1 Appearance		Visual	No Defect and Leak			
6.2 Dimension		Caliper	As item 8			
6.3 Weight		Scale	As item 3.12			
6.4 Max.Discharge Current			1000mA			
		Until final discharge voltage				
6.6 Open Circuit Voltage		Measure open circuit voltage	>1.72V			
6.7 Internal Impedance		Measure the battery with 1kHz AC				
		The battery discharge until final				
6.8 Discharge Capacity		discharge voltage 0.8V, at 0.2C and				
		measure the capacity	>1100mAl	1		
6.9 Leakage Proof		The battery shall	No leakage	e should be		
		be stored at $40\pm2^{\circ}$ C and humidity	observed b	y visual		
		$80\pm5\%$ for 21 days	inspectio	on		

7.Discarging at 350mA and 100mA to 0.8V 8. Dimension(Bare cell) mm



