MAA

Alkaline AA Size Battery



Electrical Characteristic :

- Unless other stated, all the tests are performed at: 20±2℃, 55^{+20}_{-40}% RH
- AII samples should be left standing at above environment for 8 hours at least before testing
- The digital voltmeter (DCM) is accurate to 1mV (impedance ≥ 1 mΩ)
- The load resistance of the total circuit is accurate within±0.5% of the specified value
- The Storage conditions of Delayed discharge test are 20±2℃, 55±20% RH
- Normal value means the average of multiple test results from long-term monitoring which is for reference only.
- MAD means minimum average duration
- The initial battery refers to batteries produced within 60 days
- Marked with※is a quick test item for shipment release

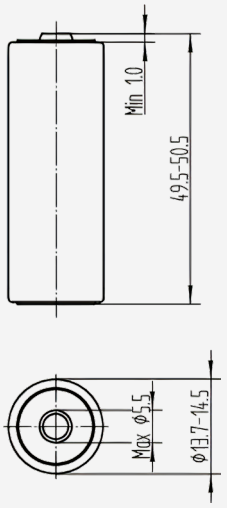
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Specification :

Nominal Voltage	1.5Volt
Open Circuit Voltage	$1.5^{+0.18}_{-0}$ Volt
Typical Weight	23±1g
Capacity (10mA 24h/d 0.8v)	2650mAh (Reference)
Terminals	Flat
Storage Temperature Range	5~30℃
Shelf Life	（Each battery will carry a manufacturing date code followed by month and year of manufacturing for domestic and expiry for export. Storage Temperature 20±2℃ Storage Humidity 55±20%）



Service output :

Test condition					Initial		After 12months storage	After 60months storage	After 120 months storage
Application	Load	Daily period	End voltage (V)	Unit	Normal	MAD			
Motor/Toy	3.9Ω	1h/d	0.8	h	7.9	7.5	6.9	5.6	4.5
Toy,nonmotorized	250mA	1h/d	0.9	h	8.6	7.7	7.1	5.8	4.5
Digital still camera	1.5W-2s/ 0.65W-28s	5m/h,24h/d	1.05	pulse	100	70	62	49	36
Photo flash	1000mA	10s/m, 1h/d	0.9	pulse	470	405	344	304	198
CD ,digital audio,wireless gaming and accessories	100mA	1h/d	0.9	h	25.2	24.3	23.1	18.2	13.5
Radio/Clock/ Remote Control	50mA	1h/8h,24h/d	1.0	h	50.5	48.5	47.0	36.4	27.0
Portable Lighting(LED)	3.9Ω	4m/h,8h/d	0.9	min	445	420	386	315	207
※	100mA	24h/d	0.9	h	23.1	22.0	/	/	/

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