



### Alkaline Manganese Dry Battery AM4/LR03

#### 1. Scope

This specification is applicable to the “Vinergy®” brand Alkaline Manganese Mercury Free Dry Batteries supplied by CHUNG PAK BATTERY WORKS, LTD.

#### 2. Technical Specification

2.1 Name (Designation) : AM4 (Mercury free)

(IEC Designation) : LR03

2.2 Dimensions:

Diameter : 10.5mm

Height : 44.5mm

2.3 Weight (approx) : 11.5g

2.4 Nominal voltage : 1.5V

2.5 Typical capacity : 1200 mAh at 75 Ω 4hrs/day (E.V.0.9V)

2.6 Typical duration : 510 min at 10Ω 1hrs/day (E.V.0.9V)  
71 hrs at 75 Ω 4hrs/day (E.V.0.9V)

2.7 Retention : 90% after 12 months storage(20°C)  
85% after 24 months storage(20°C)  
80% after 36 months storage(20°C)

2.8 Outside shape dimensions and terminals:

Dimensions of Alkaline Manganese Dry Battery LR03		
unit:mm		
	Max	Min
A	44.5	43.3
B		43.3
C		4.3
E	0.5	
F	3.8	
G		0.8
Ø	10.5	9.5

  

Remarks

- A: Overall height of battery
- B: Height between contact terminals without pip
- C: Outer diameter of negative terminal Contact area
- E: Depression of negative terminal from outer casing
- F: Diameter of positive terminal within The specified projection height
- G: Height of projected area of positive terminal, exclusive part
- Ø: Diameter of battery