



Zinc Chloride Dry Battery SUM2G

1. Scope

This specification is applicable to the “VINNIC” brand Zinc Chloride Mercury Free and No Lead Added Dry Batteries supplied by CHUNG PAK BATTERY WORKS LTD.

2. Technical Specification

2.1 Name (Designation) : SUM2G/SUPER (EXTRA HEAVY DUTY)

(IEC Designation) : R14P

2.2 Dimensions:

Diameter : 26.2mm

Height : 50.0mm

2.3 Weight (approx) : 45.5g

2.4 Nominal voltage : 1.5V

2.5 Typical capacity : 2200mAh at 3.9Ω 1hrs/day (E.V.0.8V)

2.6 Typical duration : 450min at 3.9Ω 1hrs/day (E.V.0.8V)

44 hrs at 20Ω 4hrs/day (E.V.0.9V)

2.7 Retention : 85% after 12 months storage(20°C)

80% after 24 months storage(20°C)

65% after 36 months storage(20°C)

2.8 Outside shape dimensions and terminals:

Dimensions of Zinc Chloride Dry Battery		R14
Unit:mm		
	Max	Min
A	50.0	48.6
B		48.6
C		13.0
E	0.9	
F	7.5	
G		1.5
Ø	26.2	24.9

The technical drawing shows a cylindrical battery with a dashed vertical centerline. Dimension A is the overall height. Dimension B is the height between the contact terminals. Dimension C is the outer diameter of the negative terminal. Dimension E is the depression of the negative terminal from the outer casing. Dimension F is the diameter of the positive terminal within the specified projection height. Dimension G is the height of the projected area of the positive terminal, exclusive part. Dimension Ø is the diameter of the battery.

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