



Zinc Chloride Dry Battery SUM2/GP

1. Scope

This specification is applicable to the “VINNIC” brand Zinc Chloride Mercury Free Dry Batteries supplied by CHUNG PAK BATTERY WORKS, LTD.

2. Technical Specification

2.1 Name (Designation) : SUM2/GP (EXTRA HEAVY DUTY)

(IEC Designation) : R14P

2.2 Dimensions:

Diameter : 26.2mm

Height : 50.0mm

2.3 Weight (approx) : 48g

2.4 Nominal voltage : 1.5V

2.5 Typical capacity : 2740mAh at 3.9Ω 1hrs/day (E.V.0.8V)

2.6 Typical duration : 590min at 3.9Ω 1hrs/day (E.V.0.8V)

52 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	48.5
B		48.5
C		12.0
E	0.9	
F	7.5	
G		1.5
Ø	26.2	24.7

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