



Zinc Chloride Dry Battery SUM1G

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) : SUM1G/EXTRA (EXTRA HEAVY DUTY)

(IEC Designation) : R20P

2.2 Dimensions:

Diameter : 34.2mm

Height : 61.5mm

2.3 Weight (approx) : 99.5g

2.4 Nominal : 1.5V

2.5 Typical : 6500mAh at 3.9Ω 1hrs/day (E.V.0.9V)

2.6 Typical : 1280min at 3.9Ω 1hrs/day (E.V.0.9V)

55 hrs at 10Ω 4hrs/day (E.V.0.9V)

2.7 Retention : 90% after 12 months storage(20°C)

85% after 24 months storage(20°C)

70% after 36 months storage(20°C)

2.8 Outside shape dimensions and terminals:

Dimensions of Zinc Chloride Dry Battery		R20
Unit:mm		
	Max	Min
A	61.5	59.5
B		59.5
C		16.0
E	1.0	
F	9.5	
G		1.5
Ø	34.2	32.2

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