



### Zinc Chloride Dry Battery SUM3/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) : SUM3/GP (EXTRA HEAVY DUTY)  
(IEC Designation) : R6P

2.2 Dimensions:

Diameter : 14.5mm

Height : 50.5mm

2.3 Weight (approx) : 18g

2.4 Nominal voltage : 1.5V

2.5 Typical capacity : 940 mAh at 10Ω 1hrs/day (E.V.0.9V)

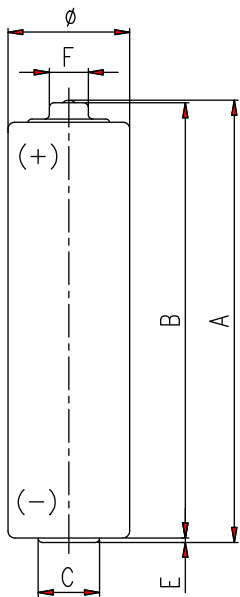
2.6 Typical duration : 460min at 10Ω 1hrs/day (E.V.0.9V)  
35 hrs at 43Ω 4hrs/day (E.V.0.9V)

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 Zinc Chloride Dry Battery		R6
Unit:mm		
	Max	Min
A	50.5	49.0
B		49.0
C		7.0
E	0.5	
F	5.5	
G		1.0
Ø	14.5	13.5



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