



# Carbon Zinc Battery

## @ Specification

Cross Reference: IEC-R6P

### Electrochemical System:

Carbon Zinc-Manganese Dioxide  
(0% Mercury and 0% Cadmium)

Anode: Zinc can

Cathode: Electrolytic Manganese Dioxide

Electrolyte: Aqueous ZnCl<sub>2</sub>

Nominal Voltage: 1.5V

Diameter: 13.5-14.5 mm

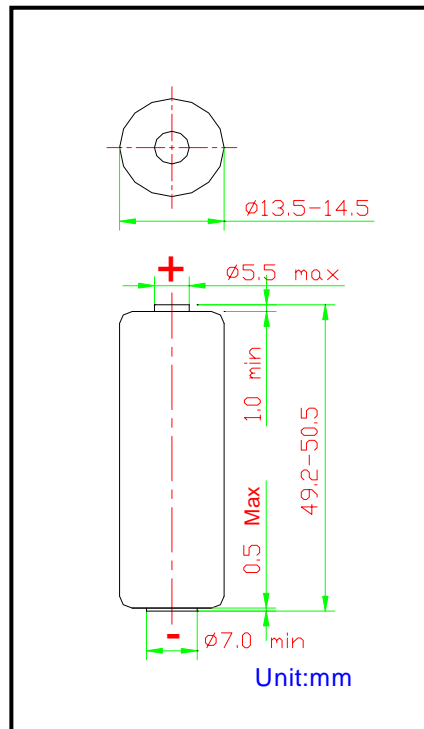
Height: 49.2-50.5 mm

Weight: 14 g

Jacket: Aluminium foil or PVC label

Package: Bulk or blister card

## @ Dimensions



## @ Electronic Characteristics (Loaded at 3.9 ohm, Test time: 3 seconds)

Items	Open Voltage(V)	Loaded Voltage(V)	Peak Current (A) when short circuit
Fresh cell	>1.63	>1.40	>3.50
Stored after 12 months	>1.55	>0.35	>3.00

## @ Typical Discharge Characteristics(At 20 DegC)

Discharge Condition	3.9 ohms 24hrs/day Cut off: 0.9V	10 ohms 24hrs/day Cut off: 0.9V	10 ohms 1hrs/day Cut off: 0.9V
Fresh cell	90mins	360mins	370mins
Stored after 12 months	85mins	340mins	350mins

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