

R6

Product specifications for cylindrical
zinc carbon battery

PRODUCT SPECIFICATION	
Individual Product Specification	

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|--------------------------------|--|--|
| 1. Battery identification | name R6 / UM 3 / AA
type zinc carbon / metal jacket
nominal voltage 1.5 V
average weight 18 gr. | |
| 2. Battery dimensions | As per attached drawing | |
| 3. Typical battery performance | Discharge modes | |

Test	Resistance	Daily period	End point	Result *	Result**
Radio	43 Ω	4 h	0.9 V	32.0 h	26.5 h
Recorder	10 Ω	1 h	0.9 V	5.8 h	4.8 h
Motor	3.9 Ω	1 h	0.8 V	1.7 h	1.3 h
Pulse	1.8 Ω	15 sec / min. 24 h	0.9 V	103	75

Open circuit voltage (OCV)
Minimum average duration

	Initial*	After 12 months storage **
OCV (at 20±2 ⁰ C)	1.6 V	1.52 V
Min. aver. duration (at 20±2 ⁰ C)***	26.5 h	21.8 h

- * The initial discharge test shall commence with 30 days since manufacture. During this period, the batteries are kept under the condition of 20±2⁰C.
- ** During this period, the batteries shall also be kept under the condition of 20±2⁰C.
- *** 43 Ω, 4 h / day, 0.9 V

4. Mercury and Cadmium contents

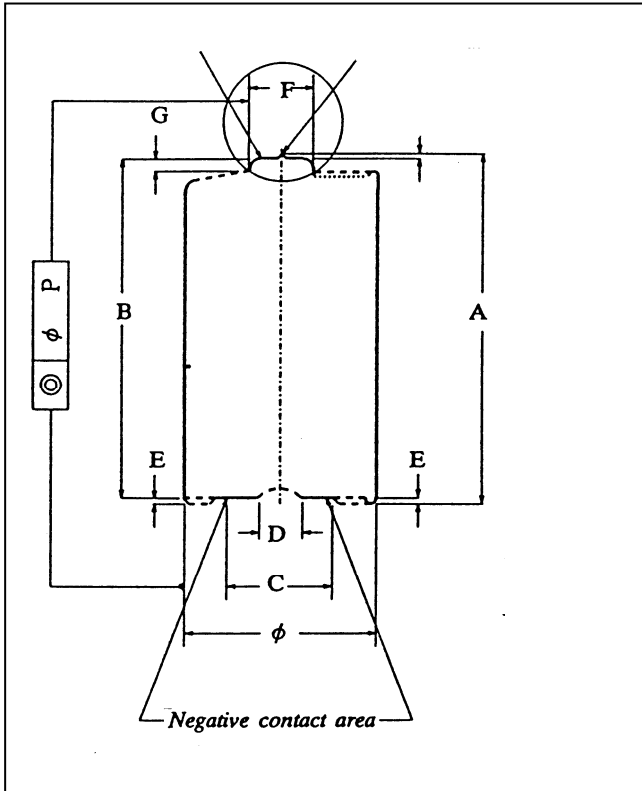
No Mercury (Hg) and Cadmium (Cd) are used in battery.

Date of stipulation: 2006-12-13		Stipulated		Described
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PRODUCT SPECIFICATION

Individual Product Specification

Size:
IEC: R6



Ø	14.5 ⁺⁰ _{-1.0}
A	50.5 ⁺⁰ _{-1.5}
B	50.0 ^{+0.4} _{-0.8}
C	9.0 ^{+5.0} _{-2.0}
E	---
E ⁺	Max. 0.5
F	4.5 ^{+1.0} _{-0.3}
G	1.0 ^{+1.5} ₋₀
Pip	0.2 ^{+0.2} _{-0.1}

Voltage	1.5 V
Terminal	(+) Cap (-) Base
Average weight	18 g
Jacket	Metal

Scale		Carbon Zinc Dry Battery R6			
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