

PRODUCT SPECIFICATION	
Individual Product Specification	

Specifications for  
Cylindrical Zinc Carbon Battery  
R14 (DRNF-W)

Date of stipulation: 1999-04-28	S	tipulated			Described
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PRODUCT SPECIFICATION				Mix																														
Individual Product Specification				DRNF-W																														
1. Battery identification		name type nominal voltage average weight manufactured by	R14 / UM 2 zinc carbon / metal jacket 1.5 V 47 gr. PMBP																															
2. Battery dimensions			As per attached drawing																															
3. Typical battery performance			Discharge modes																															
<table border="1"> <thead> <tr> <th>Test</th><th>Resistance</th><th>Daily period</th><th>End point</th><th>Result *</th><th>Result**</th></tr> </thead> <tbody> <tr> <td>Radio</td><td>20 Ω</td><td>4 h</td><td>0.9 V</td><td>43.0 h</td><td>36.0 h</td></tr> <tr> <td>Recorder</td><td>6.8 Ω</td><td>1 h</td><td>0.9 V</td><td>12.7 h</td><td>10.4 h</td></tr> <tr> <td>Motor</td><td>3.9 Ω</td><td>1 h</td><td>0.8 V</td><td>6.6 h</td><td>4.8 h</td></tr> <tr> <td>LIF</td><td>3.9 Ω</td><td>4 min./h , 8 h/ day</td><td>0.9 V</td><td>415 min</td><td>350 min</td></tr> </tbody> </table>					Test	Resistance	Daily period	End point	Result *	Result**	Radio	20 Ω	4 h	0.9 V	43.0 h	36.0 h	Recorder	6.8 Ω	1 h	0.9 V	12.7 h	10.4 h	Motor	3.9 Ω	1 h	0.8 V	6.6 h	4.8 h	LIF	3.9 Ω	4 min./h , 8 h/ day	0.9 V	415 min	350 min
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<p>* The initial discharge test shall commence with 30 days since manufacture. During this period, the batteries are kept under the condition of 20±2°C.</p> <p>** During this period, the batteries shall also be kept under the condition of 20±2°C.</p> <p>*** 20 Ω, 4 h / day, 0.9 V</p>																																		
Mercury and Cadmium contents																																		
No Mercury (Hg) and Cadmium (Cd) are used in battery.																																		
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