

PRODUCT SPECIFICATION					
Individual Product Specification					
Specifications for Cylindrical Zinc Carbon Battery R14 (DRNF-W)					
Date of stipulation: 1999-04-28	S	tipulated			Described

PRODUCT SPECIFICATION					Mix
Individual Product Specification					DRNF-W
1. Battery identification					
	name	R14 / UM 2			
	type	zinc carbon / metal jacket			
	nominal voltage	1.5 V			
	average weight	47 gr.			
	manufactured by	PMBP			
2. Battery dimensions					
	As per attached drawing				
3. Typical battery performance					
	Discharge modes				
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
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)***	36.0 h	25.0 h			
* The initial discharge test shall commence with 30 days since manufacture.					
During this period, the batteries are kept under the condition of 20±2 ⁰ C.					
** During this period, the batteries shall also be kept under the condition of 20±2 ⁰ C.					
*** 20 Ω, 4 h / day, 0.9 V					
Mercury and Cadmium contents					
No Mercury (Hg) and Cadmium (Cd) are used in battery.					
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