

LI- MANGANESE DIOXIDE SERIES BUTTON BATTERY SPECIFICATION

1. DESCRIPTION

CR2032, CR2025, CR2016, CR1220

2. CHEMICAL SYSTEM

LI-ORGANIC ELECTROLYTE -MANGANESE DIOXIDE
(MERCURY AND CADMIUM FREE)

3. DIMENSION

3.1 OUTLINE AND STRUCTURE: REF. THE ATTACHMENT

3.2 DIMENSION SHOULD BE ACCORDED WITH THE FORM AS FOLLOWS:

MODEL	DIMENSION□mm□				
	DIA.(Φ)		HEIGHT(H)		M
	Max	Min	Max	Min	Min
CR2032	20.0	19.7	3.2	2.9	8.0
CR2025	20.0	19.7	2.5	2.2	8.0
CR2016	20.0	19.7	1.6	1.4	8.0
CR1220	12.5	12.2	2.0	1.8	4.0

4. OPEN-CIRCUIT VOLTAGE: 3.0-3.7V

5. CAPACITANCE

5.1 INITIAL PERIOD (WITHIN 60 DAYS AFTER BEING MANUFACTURED): SHOULD BE ACCORDED WITH THE FORM AS FOLLOWS.

5.2 STORAGE PERIOD

STORED AT 20±2□□RH45%--75% FOR 12 MONTHS□98%CAPACITANCE OF FRESH

CELLS.

MODEL	NOMINAL VOLTAGE □V□	TEMPERATURE □□□	DISCHARGE PERFORMANCE			
			TEST CONDITION			CONTINUOUS DISCHARGE TIME □h□
			ON-LOAD RESISTANCE □kΩ□	HOUR/DAY □h□	END VOLTAGE □V□	
CR2032	3.0	-20~54	15	24	2.0	1030
CR2025			15			750
CR2016			30			700
CR1220			62			700

6. APPEARANCE AND POLARITY

CLEAN APPEARANCE, CLEAR MARK, NO DISTORTION, RUST AND LEAKAGE, GOOD CONTACT FOR POLARITY

7. LEAKAGE RESISTANCE

7.1 NO VISIBLE LEAKAGE OF ELECTROLYTE, SEALANT AND OTHER CHEMICALS DURING DISCHARGE PERIOD.

7.2 CELLS SHALL BE STORED IN AN AMBIENT TEMPERATURE OF $45 \pm 2^\circ$, RELATIVE HUMIDITY OF 75%, FOR 30 DAYS, THEN OBSERVED AT 5 TIMES MAGNIFIER, NO VISIBLE LEAKAGE OF ELECTROLYTE, SEALANT AND OTHER CHEMICALS.

8. STORAGE CHARACTERISTICS

AFTER STATED STORAGE □ BATTERY SHOULD MEET THE ABOVE REQUIREMENT.

9. EXPIRY PERIOD MARKING:

EXPIRY PERIOD FOR 3-5 YEARS. MARKED ON THE BLISTER CARD, NO MARK ON BATTERIES.

10. CAUTION

10.1 DO NOT MIX THE POLARITIES

10.2 DO NOT RECHARGE

10.3 KEEP AWAY FROM SMALL CHILDREN

10.4 DO NOT MIX WITH USED BATTERIES



