

PRODUCT SPECIFICATIONS LR20/AM1 ALKALINE D SIZE

1. Designation: LR20/AM1/ALKALINE D SIZE

2. Kind of products specified: Alkaline-Manganese dry cell battery

3. Nominal Voltage: 1.5V

4. Dimensions: 60.5±0.5 mm × ø33.2±0.8mm

5. Approximate Weight: 142g

6. Capacity: 12255mAh,(Discharge:3.9Ω,24h/d,to 0.8V,at 20℃±2℃)
7. Appearance: There is no stain,scratch,nor deformation which will cause

trouble in practical use is observed.

8. Terminal: Standard snap fastener stud (+) and socket (-)

9. Electrolyte-Leakage resistance:

After testing by Table 1, shall be no leakage and deformation by visual inspection.

Table 1

ITEM	CONDITIONS					
	Temperature	Relative Humidity	Load Resistor	Term		
Overdischarge electrolyte leakag	20.7±1.3 ℃	55 ± 8%	2.2 Ω	48hrs		

10. Markings: (1). Battery type: LR20-----Best Quality

(2). Brand: "Micropower"(3). Polarity: "+" and "-"

(4). Other specified markings

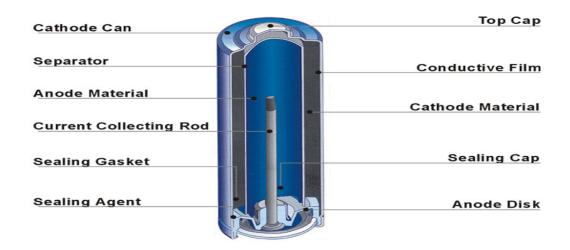
11. Output Service:

Road Resistance	3.9 Ω	3.9 Ω	2.2Ω	2.2Ω	10Ω
Discharge Method	24h/d	1h/d	4min/h,8h/d	1h/d	4h/d
End-point voltage	0.9V	0.9V	0.9V	V8.0	0.9V
IEC 60086-2:2007	///	25h	13.5h	15 h	81 h
Actual Performance	2439min	32h	17h	18 h	110h

- **12. Characteristics:** (1). No Mercury & Cadmium, which is Environmental Friendly
 - (2). Super Long Lasting Power
 - (3). Excellent Leakproof, as a result of pure material
 - (4). Extra Long Life Span
 - (5). Exel working in low temperature or high-drain discharging
- **13. Warranty:** Within **36** months after delivery
- **14. Storage:** The service output, measured by the minimum average duration, should be no less than 90% of that of initial period after being stored for 12 months. The guarantee period is 3 years. The minimum average duration should be no less than 80% of that of initial period after being stored for 3 years.
- **15. Max Temperature:** Store 60 °C/75% humidity for 45days,no leakage,stain & deformation.

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16. Battery structure:



17. Discharge Curve:

3.9Ω,24h/d,to 0.9V continuously discharge

