

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°C±2°C)
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 leakage	20.7±1.3 °C	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	0.8V	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.

16. Battery structure:



17. Discharge Curve:

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

