



## Product Specifications 6LR61 / 9V / Alkaline 9V Size

- 1. Designation** 6LR61 / 9V / Alkaline 9V Size
- 2. Product Type** Alkaline-Manganese dry cell battery
- 3. Nominal Voltage** 9V
- 4. Dimensions** 48.0±0.5mm x ø26.0±0.5mm x 17.0±0.5mm
- 5. Approximate Weight** 44g
- 6. Capacity** 580 mAh (Discharge: 180 Ω, 30 min/d, to 4.8V, at 20°C±2°C)
- 7. Appearance** There is no stain, scratch, nor deformation which would cause trouble in practical use.
- 8. Terminal** Standard snap fastener stud (+) and socket (-)
- 9. Electrolyte-Leakage Resistance** After testing by Table 1, there 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 ± 88%	180 Ω	48 hrs.

### 10. Mercury Content

Test Condition	Standard Demand	Test Results	Judgement
Atomic Absorption Spectrophotometric Method	≤ 1 x 10 <sup>-4</sup> %	≤ 8 x 10 <sup>-6</sup> %	Qualified

### 11. Markings

1. Battery Type: 6LR61 (Best Quality)
2. Brand: Micropower
3. Polarity: "+" and "-"

### 12. Output Service

Load Resistance	180 Ω	270 Ω	620 Ω
Discharge Method	30min/d	1h/d	2h/d
End-Point Voltage	4.8V	5.4V	5.4V
IEC 60086:2000	9.6h	12h	33h
Actual Performance	14.6h	22h	45h

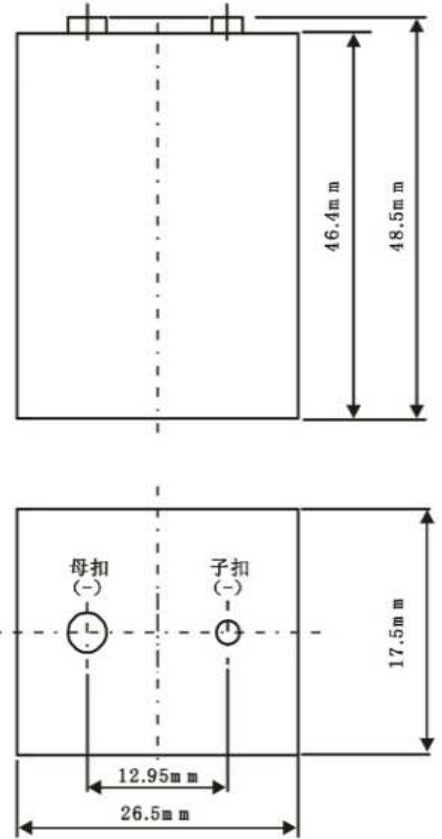
### 13. Characteristics

1. Mercury and Cadmium free, Environmental Friendly
2. Super Long Lasting Power
3. Excellent Leakproof, as a result of pure material
4. Extra Long Life Span
5. Excellent working in low temperature or high-drain discharging

### 14. Warranty

Within 36 months after delivery

### 15. Battery Structure



### 16. Discharge Curve

180Ω, 24h/d, to 5.4V continuously discharge

