

1.5V Alkaline Battery

900mAh, LR1N

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RoHS
Compliant

Specifications



Nominal Voltage	: 1.5 Volts (Open circuit voltage 1.5 Volts +0.15/-0)
Nominal Capacity	: 900mAh (Test condition: 300Ω Load, continuous discharge, end voltage of 0.9V)
Average Weight	: 9g ±0.5g
Shelf Life	: 36 Months
Heavy Metal Content	: Mercury (Hg) content should be less than 1 PPM Cadmium (Cd) content should be less than 5 PPM Lead (Pb) content should be less than 15 PPM
Storage Temperature	: Not more than +45°C
Humidity	: Not more than 75%

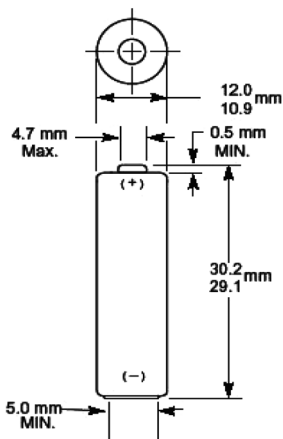
Performance

Discharges					
Test condition			Average Duration ¹⁾ at 20°C		
Load	Daily Period	End Voltage	Initial	After 12 months storage ²⁾	After 36 months storage ²⁾
300Ω	24 h/d	0.9V	220h	195h	176h
20Ω	24 h/d	0.9V	11.8h	10.2h	9.4h
5.1Ω	24 h/d	0.9V	2.5h	2.1h	1.9h

¹⁾ Average service life will be calculated without the highest and the lowest of 9 samples

²⁾ Storage conditions: temperature 20+2°C and the Relative Humidity shall be 65+20%

Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
Alkaline Battery, 1.5V, 900mAh, LR1N	PEL01227

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