

# U9VL-J

## Technical Datasheet

### The Ultralife Batteries Advantage

Through our engineering and collaborative approach to problem solving, we serve government, defense and commercial customers across the globe.



### FEATURES

- High energy density
- 10-year service life
- Flat discharge voltage curve
- Wide operating temperature range
- Lightweight
- Lasts up to 5X longer than ordinary 9V alkaline batteries
- Lasts up to 10X longer than carbon-zinc batteries

### APPLICATIONS

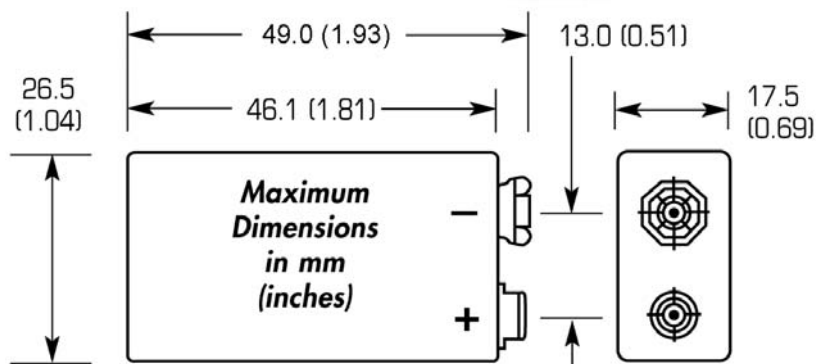
- Smoke Alarms
- Carbon-Monoxide Detectors
- Wireless Security Devices
- Medical Devices
- Music/Audio Devices
- Instrumentation

### SPECIFICATIONS

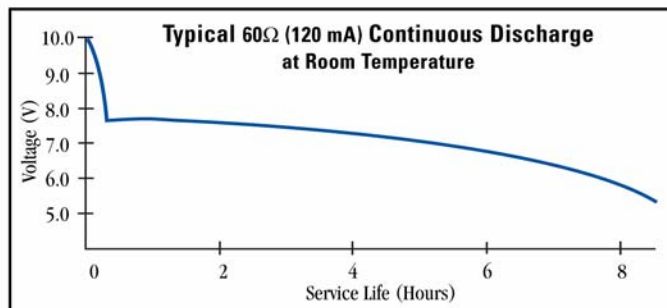
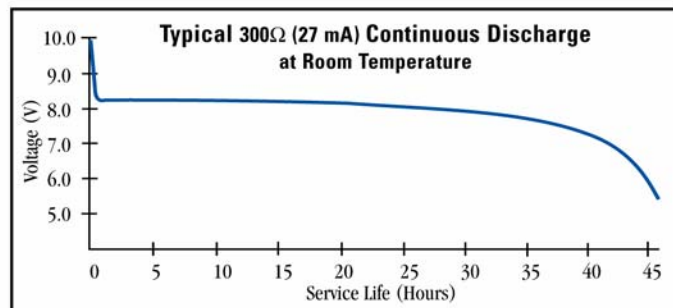
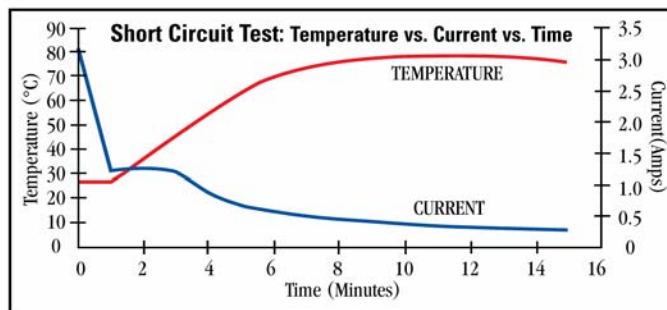
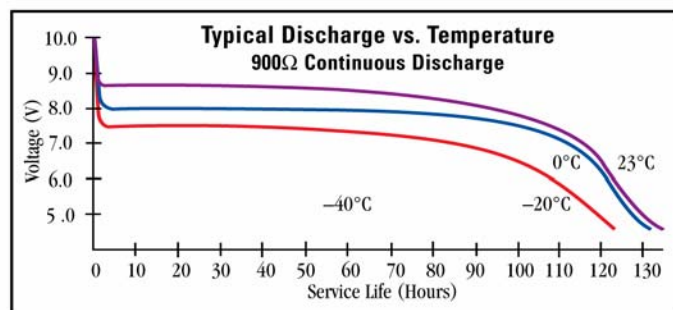
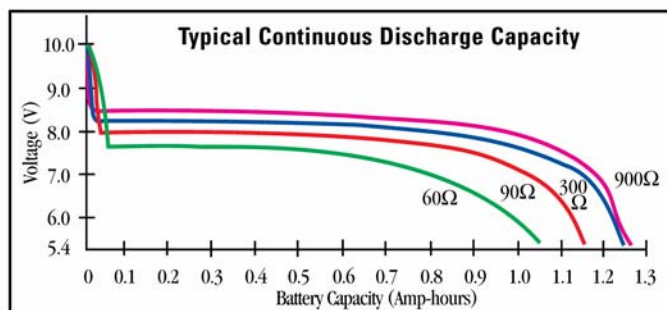
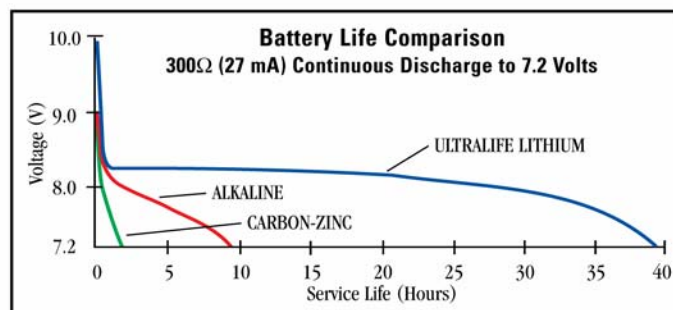
Part No	U9VL-J
Voltage Range	5.4 to 9.9 V
Average Voltage	9.0 V
Nominal Capacity	1.2 Ah @ 9 mA to 5.4 V @ 23° C
Max. Discharge	120 mA continuous
Pulse Capability	Up to 400 mA Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife.
Weight	36.4 grams
Operating Temp	-20° C to 60° C
Storage Temp	-40° C to 60° C
Self-Discharge	< 0.16% per month at 23° C
Exterior/Housing	Aluminum / Mylar Label
Terminals/Connector	Ni-plated Miniature Snap
Safety	Recognized under the Component Program of Underwriters Laboratories, Inc. Material Safety Datasheet – MSDS001.
Transportation	Excepted from Regulations – see note 1

Note 1	For a complete description of transportation regulations and definitions of the transportation classifications "Excepted" and "Class 9," refer to the Ultralife web site at <a href="http://www.ultralifebatteries.com">www.ultralifebatteries.com</a> .
Note 2	NEDA number is 1604 LC
Note 3	720 count. Call for other variations.

## DIMENSIONS



## PERFORMANCE GRAPHS



## Revision History:

Ultralife Batteries Brand • Newark, NY • 315-332-7100 • Fax 315-331-7800 • [www.ultralifebatteries.com](http://www.ultralifebatteries.com)

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