

# MORE THAN 20 YEARS OF MISSION-CRITICAL POWER

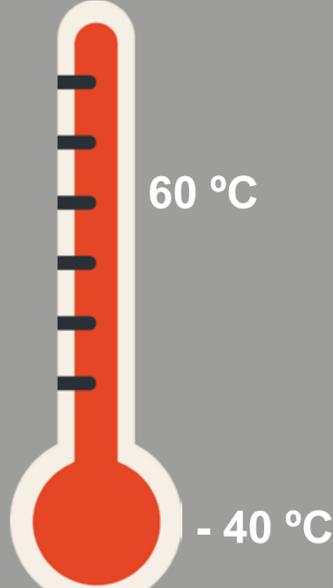
**1991**

The first Ultralife Lithium 9V battery was launched as a solution to several industry issues

## SECURITY

Security equipment is used in indoor and outdoor environments, operating in a range of conditions.

The battery performs well under varying temperature, with an effective 900 Ohm discharge rate from -40°C to +60°C. That's why the original 9V was a perfect fit for outdoor security sensors and emergency location transmitters.



## TEST AND INSTRUMENTATION



With a lightweight and ruggedised design, the Ultralife 9V battery is suitable for portable test applications. The challenge for test equipment lies in the periods of dormancy, which Ultralife's 9V batteries addressed with its extended shelf life of up to ten years.

## MEDICAL

Long discharge cycles, stable voltage and safety measures are vital in medical batteries. The original Ultralife 9V battery delivers these qualities and more, with a high, stable running voltage and in-built safety features such as over current protection.



## Since Launch

More than 100 million Ultralife 9V Batteries sold

**2012**

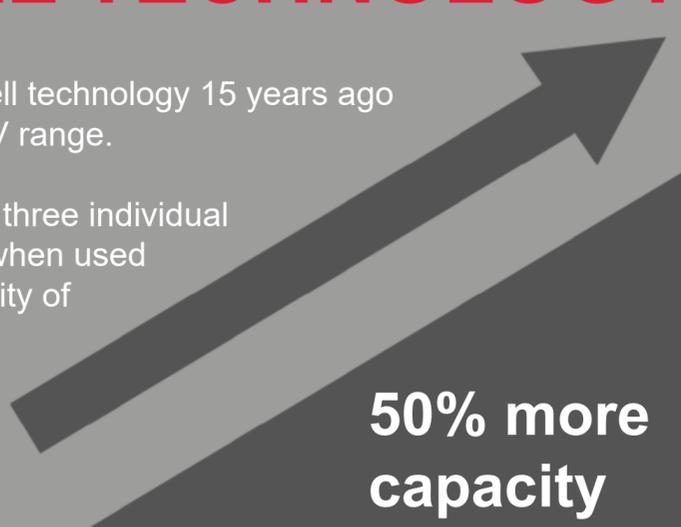
Ultralife powers up the range with thin cell technology and performance upgrades



## THIN CELL TECHNOLOGY

Ultralife developed thin cell technology 15 years ago and introduced it to the 9V range.

Thin cell technology uses three individual thin foil-cased cells that, when used together, achieve a capacity of 1200mAh. This is roughly 50 per cent more than leading brand-named lithium competitors.

**50% more capacity**

## ADVANCED SAFETY TECHNOLOGY



Each of the three cells of the battery is constructed with an internal shutdown separator. This allows the separator to close the pores of the battery if internal temperature rises excessively.

Because the battery can produce higher pulse and continuous current, it also features a polymer positive temperature coefficient (PPTC) to further increase safety.

## THE NEXT GENERATION 9V BATTERY

- Total weight of 37g
- 1200mAh energy capacity
- Compact design, making it the same size as a standard alkaline battery
- Conforms to ANSI 1604
- Higher pulse capacity for higher power output with a stable voltage
- Minimal magnetic signature
- Shelf life of up to ten years
- Ruggedised
- Compliant with Underwriters Laboratories UL2054 for safety and UL217 smoke detector test



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