

Lithium ion rechargeable battery

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Need an 18650 rechargeable lithium-ion battery for your project? This is a quality 3.7V 18650 rechargeable lithium-ion battery with a 2500mAh capacity and up to 30A discharge - ideal for the UPS HAT, Super Watchdog, micro:Maqueen, KitiBot and any other projects requiring the specific 18650 battery format.

We only source these batteries from our trusted UK battery supplier due to their careful testing ensuring each cell is EU/UK regulation and RoHS compliant. Each cell has clear polarity marking and comes in its own individual plastic storage tube for added safety and protection.

These 18650 cells are the unprotected type, meaning you'll need to ensure you use them with a device that provides protection such as reverse polarity protection, overcharge/discharge protection, over current protection and short circuit protection. If you're not sure what this means, you shouldn't be buying this battery - safety first!

Lithium Battery Shipping: Due to courier restrictions, this product can only be shipped within England/Wales. With this item in your cart, your shipping options will be limited to DHL. Why?

Important! Lithium batteries require careful storage and usage, and must only be charged/discharged within the ratings listed. Please only consider purchasing this item if you have the knowledge and equipment to use and maintain these batteries properly. If you accidentally damage (bend/pierce/crush/dent) these batteries, stop using them immediately and dispose of them safely and responsibly.

This is ANSMANN's clever take on your traditional protected 18650 cells. They've added a USB-C charging port at the top of this 2600mAh 3.6V battery to allow you to conveniently charge it from most standard 5V USB ports using a USB-C cable (not included). There's even a charge status LED on the battery - clever - we just had to stock it!

Note: This battery has a button top and includes a protection circuit. The integrated safety board makes the battery longer in size (3-4mm longer) compared to unprotected 18650 Li-Ion batteries. This may make the battery unsuitable for certain battery holders and boards - please check before buying.

The battery can be charged with a standard USB-C charging cable. A PC, a power bank or a USB power supply (5V) can be used as a power supply. Alternatively, a lithium charger can be used.

The integrated safety board protects the cells against overload, short circuits and deep discharge, so the rechargeable battery is protected against incorrect usage, which guarantees a longer lifetime.

The battery is extremely long-lasting and can be recharged up to 2000 times even under tough operating



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conditions. With a very low self-discharge, the battery keeps its energy for a long time, even when not used. The power-to-weight ratio is much better than other battery technologies (eg. NiCD/NiMH/PB), with Lithium being much lighter.

Ideal for use in modern devices like LED torches, headlights, e-cigarettes, laser pens, etc. With its high capacity of 2600 mAh, this is perfect for use in high-power devices. Also, this battery can be used in a wide range of temperatures from -20°C to +60°C.

These AA Li-Ion batteries are a durable and efficient alternative to traditional alkaline and NiMH batteries and are suitable for various electronic devices. They have built-in protection against common battery issues like overcharging and short circuits, contributing to their longevity. With a consistent voltage output and the ability to function in a wide temperature range, they outperform alkaline batteries in stability and endurance.

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