



# Lithium battery vs nimh battery

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When choosing between NiMH (Nickel-Metal Hydride) and Lithium-Ion batteries, it's essential to consider various factors such as performance, cost, lifespan, and applications<sup>123</sup>.

In summary, Lithium-Ion batteries generally offer higher energy density, longer lifespan, and lighter weight, making them ideal for portable electronics and electric vehicles. NiMH batteries, on the other hand, are more cost-effective and environmentally friendly, suitable for household electronics and hybrid vehicles<sup>123</sup>.

Lead length approximately 200mm (+/-25mm) Battery Pack Voltage: 2.4v Battery Pack Capacity: 4000mAh Height: 75mm (+/-2mm) Length: 37mm (+/-5mm) Depth: 18mm (+/-2mm) Pack Type: Standard Emergency Lighting Pack.

These products will have a lead time for assembly, the length of this lead time will vary depending on the product, quantity ordered and current work schedule of orders in our workshop, most orders we turn around in 3-5 working days however at busy periods or larger quantities this may be extended.

Please ensure that you are ordering the correct product, these products will be made or modified to order and we are unable to cancel orders once they are placed or refund any incorrectly ordered made or modified to order items. This does not affect your ability to return faulty items.

To ensure that you are ordering the correct products always check the battery specification (eg voltage, capacity, chemistry, battery type, connector, etc) against your existing battery.

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.

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