

**NITECORE®**

RCR123 Li-ion Battery

FOR HIGH DRAIN DEVICES

**NL166**

**650mAh**

# NL166 High-Performance **650mAh** Li-ion Rechargeable Battery

Purpose-designed for high-performance equipment  
A safe, environmentally-friendly, high-performance  
RCR123 cell



## Internal Safety Features

1. Microporous barrier protects delicate internal components

3. Built-in PTC to inhibit high current surges

2. Pressure relief valve activates in the event of a rapid temperature increase



4. Innovative anode design with high temperature resistance



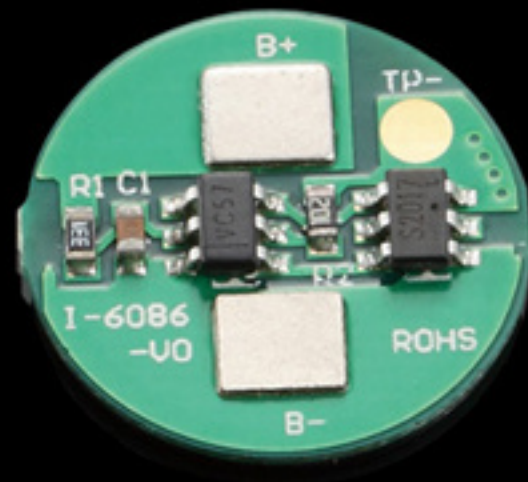
## External Safety Features

1. Equipped at both ends with a nickel-plated S.S protector ensuring high impact resistance, good electrical conductivity and oxidation resistance
2. Tough plastic circuit board protector



## Purpose-designed high-performance protected circuit

1. Automatically protects against overcharge, over discharge and short-circuiting
2. Utilizes a high-quality battery protection IC from Seiko Instruments Japan
3. Utilizes high-power MOS-FET in the current regulation module for better efficiency and superior output.



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## High capacity and high performance

Actual measured capacity is approximately 750mAh

A high output current of up to 4A makes NL183 compatible with various kinds of high-drain devices.





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## High level of certification

Certified by CE, UL, and ROHS

Internationally insured by PICC Property  
& Casualty Company Ltd.



**RoHS**



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**Positive end is a standard button size allowing maximum equipment compatibility.**

**Compatible with most brands of flashlights**



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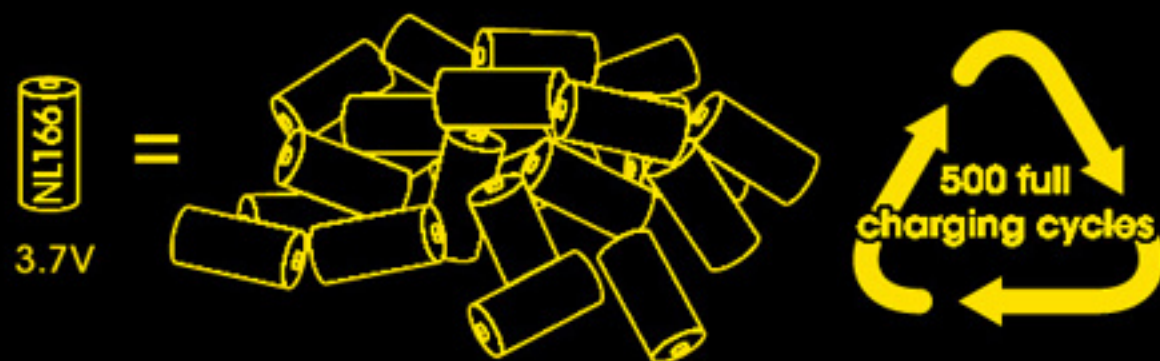
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**Low cost and environmentally friendly**



**A NL166 battery can be recharged over 500 times, the equivalent of 500×CR123 batteries**



## Features:

Type: NL166

Capacity: 650mAh

Voltage: 3.7V

Charging Current: Maximum 650mA (300mA recommended)

Weight: 17.8g

Size: Diameter 16.6mm, Length 34.8mm

Warranty Period: 12 months warranty since the date purchase.

## ⚠ Precautions:

- Never expose an RCR123 battery to water or fire
- When charging or using batteries ensure the positive and negative ends correspond with the positive (+) and negative (-) symbols.
- To extend battery life it is recommended that a NL166 is charged every three months when unused for long periods.
- Keep out of the reach of children.

