

NITECORE®

NL1840HP

HIGH DRAIN LI-ION
RECHARGEABLE BATTERY

4000mAh



4000mAh



10A



IPX6
Water Resistant



Internal Safety
Features



Mercury Free
and Lead Free



The First

4000mAh 18650 Li-ion Battery

Collaboratively developed by NITECORE and its industry partner, it features an energy density of **288mWh/g** and a huge capacity of 4,000mAh (14.4Wh), which is **17.6%** higher than conventional 18650 Li-ion batteries.



NL1840HP

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4 x CR123A Batteries

4000mAh

*The data is calculated from NITECORE Lab, comparing with 3,400mAh 18650 Li-ion batteries and CR123A batteries (1,200mAh 3V) on the market.

10A

Continuous Discharge Current

Ideal for high drain devices



Internal Safety Features



Built-in intelligent protective circuit of the positive polarity protects against overcharge, over discharge and short-circuiting



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

Purpose-designed High-performance Protected Circuit



Effectively protects against
overcharge, over discharge
and short-circuiting



Utilizes a high-quality
battery protection IC



Utilizes high-power MOS-FET
in the current regulation
module for better efficiency
and superior output

External Safety Features

- Equipped at both ends with a nickel-plated stainless steel protector ensuring high impact resistance, good electrical conductivity and oxidation resistance
- Coated with durable metallic film to guard against abrasion



IPX6 Water Resistant

Fearless of water and splashes



*Data from NITECORE Lab reveals that the NL1840HP Li-ion battery is water-resistant under standard use. However, it is not intended for fully waterproofing. The battery's resistance to water may be affected by wear on its wrapper and variations in water quality.



Mercury Free, Lead Free and Cadmium Free

For safe use and storage



500

Full Charging Cycles



Low Cost and Environmentally Friendly

A NL1840HP battery still retains over 80% of its original capacity at 500 full charging cycles.

*The data from NITECORE Lab is calculated for reference only.



Safe and Reliable

Globally insured and multiple global certifications approved





Specifications

Capacity: 4000mAh 3.6V (14.4Wh)

Diameter: 18.6mm $\pm$ 0.3mm / 0.73" $\pm$ 0.01"

Length: 69.8mm $\pm$ 0.3mm / 2.75" $\pm$ 0.01"

Weight: 50g / 1.76 oz

Warranty Period: 12 months warranty from
the date of purchase

Compatible NITECORE Chargers



UMS4



UMS2



Ci4



Ci2