

NITECORE®

NB10000 Gen4

Ultra Lightweight
Competition-Grade Power Bank



10000mAh

143g (5 oz) Only

* These images are for guide purpose only, and the actual result may vary depending on ambient factors.
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Less Weight, More Power

Born for Trail Running



	 NB10000 Gen3	 NB10000 Gen4
Model	NB10000 Gen3	NB10000 Gen4
Voltage Platform	3.85V Standard Voltage Platform	New 9V High-Voltage Platform Optimized Circuit, Enhanced Conversion
Rated Energy	6,200mAh 5V (TYP 2A)	6,800mAh 5V (TYP 3A) 7,200mAh 5V (TYP 1A) Speed Up, Power Up
Max Input	18W	22.5W Recharge Faster
Cell Energy Density	257mWh/g	273mWh/g More Compact, Lower Heat
Weight (Accessory Not Included)	150g (5.29 oz)	143g (5 oz) Carry Effortlessly
IP Rating	IPX5	IPX7 Fearless of Rain and Splashes
Special Function	—	Dynamic RGB Positioning Lights Knock to Wake



Dual-sided Carbon Fiber Sheets +
Reinforced Flame-Retardant Composite Frame



Knock to Wake
Ready for outdoor use



IPX7

Fearless of
harsh weather



9V High-Voltage Platform

High-density cell, sourced from
flagship smartphones



RGB Positioning Lights

Easy to spot at a glance



Lighter Than Ever Less Load for the Trail

Total Weight **143g (5 oz)** Only



 **36%**
Lighter

The NB10000 Gen4 is ***36%** lighter than standard 10,000mAh power banks, delivering a significant reduction in weight for trail runners.



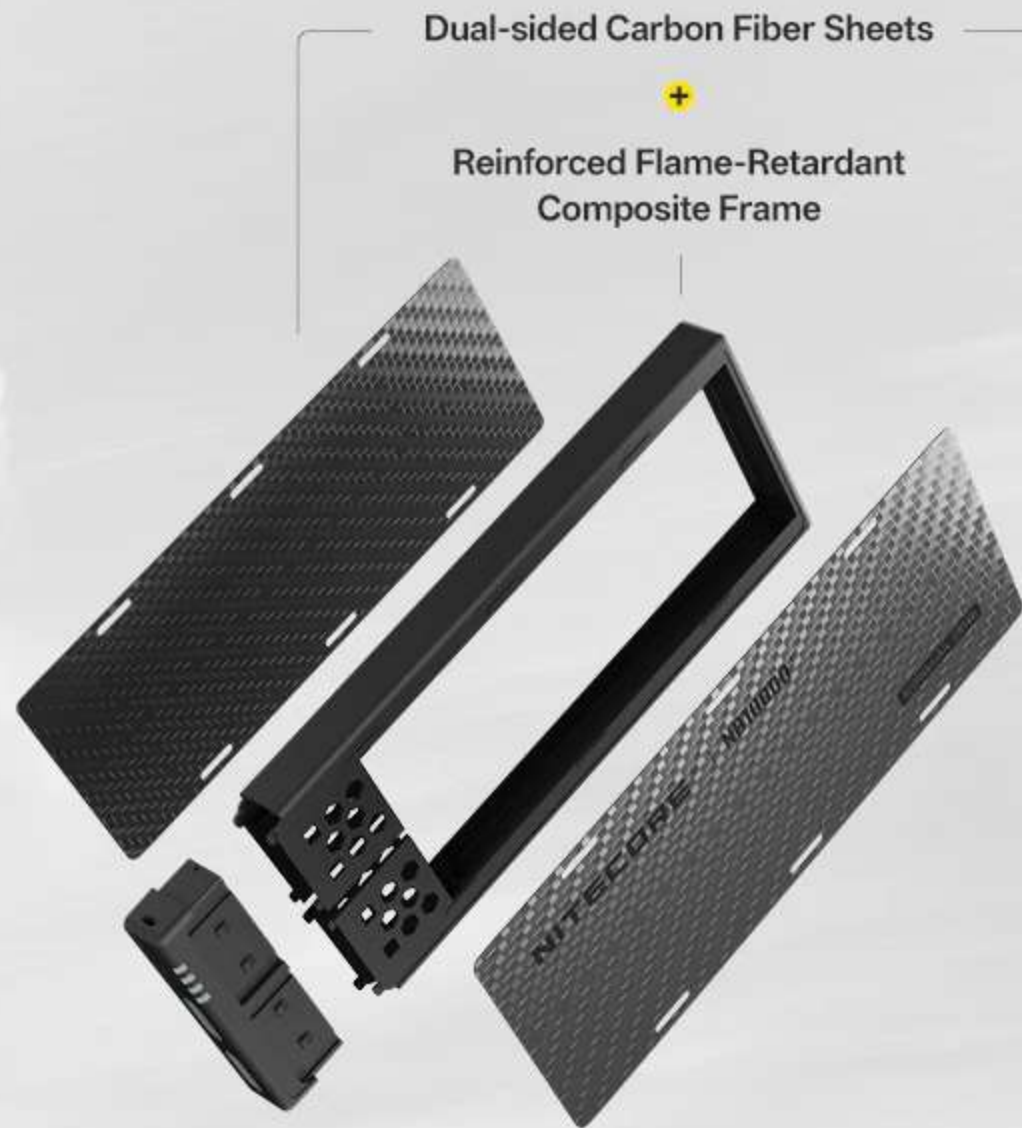
* Data from NITECORE Lab, compared with the average weight of standard 10,000mAh power banks on the market. Actual results may vary due to differences in samples.

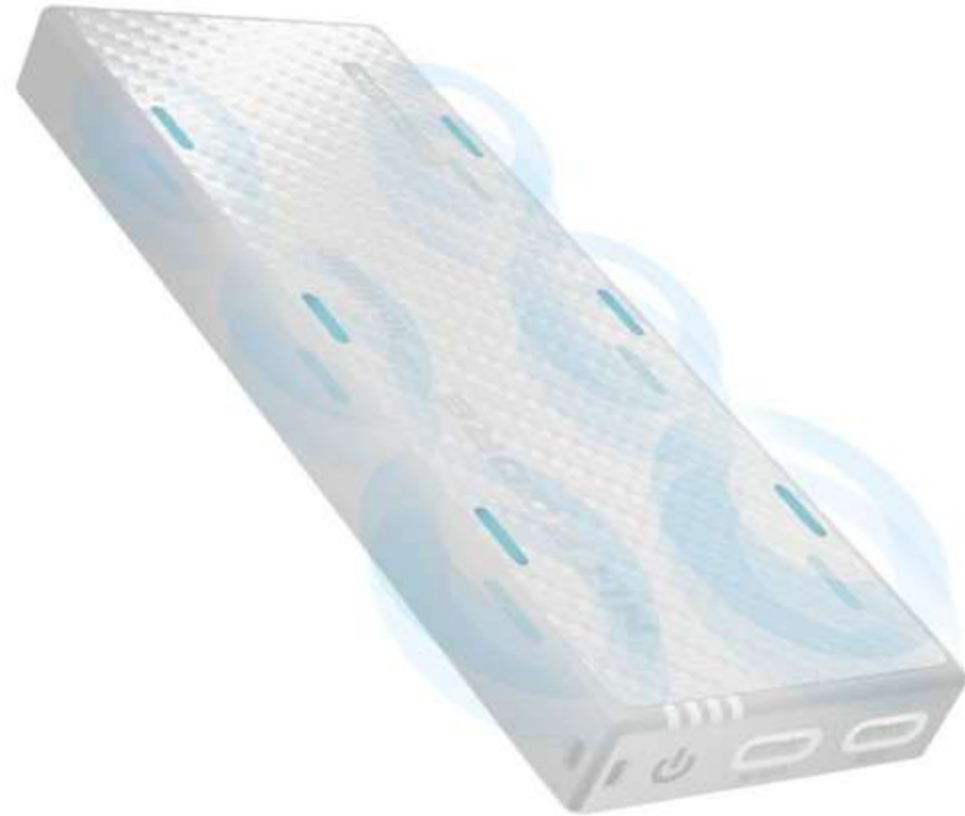
* Weight may vary by $\pm 5g$ (0.1 oz). Please refer to the actual product.

Ultra Lightweight Inside and Out

Structural Weight

Only 11.3g (0.44 oz)



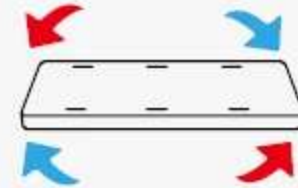


Self-Developed Structure Ultra Thin and Solid (Patent Pending)

Power bank without the
composite anti-torsion
structure



NB10000 Gen4:
Features the composite
anti-torsion structure



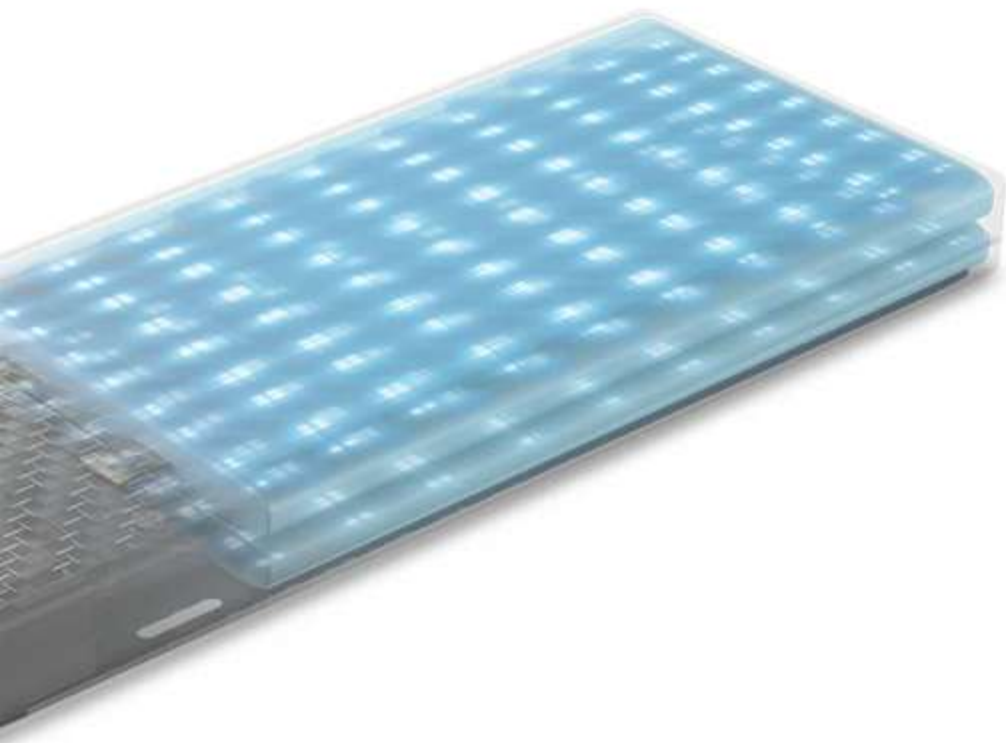
The ingenious engineering design of the NB10000 Gen4 transforms the tensile strength of carbon fiber to the torsional resistance of the whole structure, making it a portable, durable and reliable energy companion for outdoor enthusiasts.

Energy Gel for Your Devices

Compact in Size, Powerful in Performance

Similar in size to a standard energy gel, it's easy to carry on the trail. Energy gels fuel your run. The NB10000 Gen4 powers your devices, keeping both you and your gear at peak performance on the trail.





8% Ultra High Silicon Content

High energy density of up to 273mWh/g

The NB10000 Gen4 is powered by a next-generation silicon-carbon anode battery, the same technology used in flagship smartphones, featuring a high energy density of up to **273mWh/g**.

It delivers higher capacity and efficiency in a lightweight body. Even during long-distance trail races, it provides stable and reliable power output.

$$\text{Mass Energy Density} = \frac{\text{Battery Capacity}}{\text{Overall Weight}}$$

* Flagship smartphones refer to the Pro or Ultra Series of each brand.

* A higher silicon content allows more energy to be stored within the same volume and weight, enabling a lighter power bank with higher effective output capacity.

9V High-Voltage Platform & Active Balancing BMS Technology

The efficient circuit design significantly improves power transfer efficiency, conserving every bit of energy for outdoor activities. Compared to standard 10,000mAh power banks, the usable energy of the NB10000 Gen4 is increased by 20%.



Equivalent to a standard
13,000mAh power bank

Approx. **↑ 20%**

NB10000 Gen4
Rated Energy

 **7,200mAh**

Standard 10,000mAh
Power Bank Rated Energy

 **5,500mAh - 6,000mAh**

*Data from NITECORE Lab, compared with the average rated energy of standard 10,000mAh power banks on the market. Actual results may vary due to differences in samples.

IPX7 Waterproof

Multiple layers of waterproof protection both inside and out, combined with the Touch Button design, ensure worry-free outdoor use.



Ready for use in heavy rain



Safe for streams and accidental drops



Reliable even in damp conditions



Knock to Wake Effortless Use in Low Light

(Patent Pending)

Double-knock the upper part to wake up power indicators
and charging port indicators.

Easy to operate even when wearing gloves, in cold
conditions, or in dark environments.



Carry & Charge Power on the Go

Comes with a USB-C lanyard charging cable supporting up to **60W** fast charging, ensuring efficient power delivery while reducing the burden of carrying.



* Data from NITECORE Lab. 60W refers to the maximum transmission capacity of the cable. Actual output power may vary depending on the power bank and the connected device.

Dual USB-C Ports

Pass-through Charging

Recharge the power bank and your device at the same time.

Even with a single port charger, it can fully charge all your gear.



Charge Two Devices Simultaneously

Power multiple devices with ease - no more waiting.



IN/OUT1
22.5W
Input & Output

OUT2
22.5W
Output

Multiple Fast Charging Protocols Supported
PD QC3.0 SCP

Faster or Longer Your Choice

The NB10000 Gen4 features 2 output modes, enabling flexible switching to match your trail running strategy.

Long press the Touch Button to switch modes:
Regular Mode for quick power-up
Eco Mode for extended runtime





Trail Running



Trekking



Stream Trekking



Lightweight Outdoor Activities



Overcurrent Protection



Intelligent Thermal Protection



Short-circuit Protection



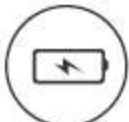
Optimized Charge/Discharge Efficiency



Over-discharge Protection



Touch Button Protection



Overcharge Protection



Accurate Power Indication



Overvoltage Protection

NB10000 Gen4 Technical Data

Cell: Li-ion
Capacity: 10,000mAh 3.9V (39Wh)

Rated Energy:
6,800mAh 5V (TYP 3A) / 7,200mAh 5V (TYP 1A)

Input:
USB-C (IN) : 5V=3A / 9V=2.22A / 12V=1.87A (22.5W MAX)

Output:
USB-C (OUT1) / (OUT2) : 5V=3A / 9V=2.22A / 12V=1.87A (22.5W MAX)
Total Output: 5V=3A (15W MAX)

IP Rating: IPX7
Weight: 143g±5g / 5 oz±0.1 oz (Accessory Not Included)

Dimensions:
116mm x 46.8mm x 14.5mm / 4.57" x 1.84" x 0.57"

Accessory:
Lanyard Charging Cable



Note: The product is not designed for underwater use. Please dry it thoroughly before use in case of accidental drops into water.