

NITECORE®

# NB10000 Gen4

Ultra Lightweight  
Competition-Grade Power Bank



10000mAh

143g (5 oz) Only

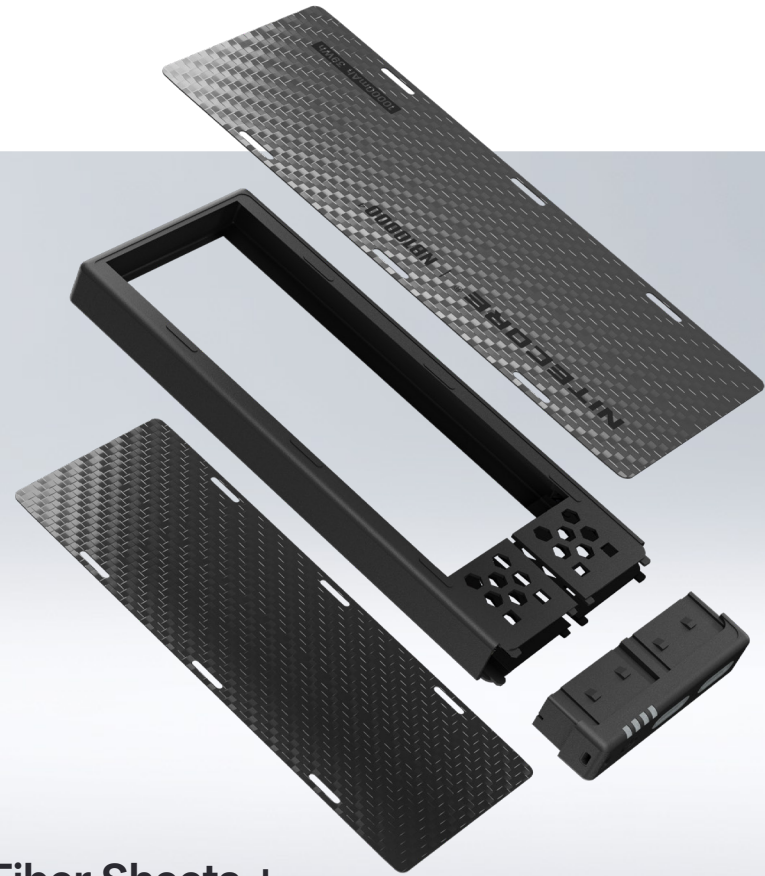
\* These images are for guide purpose only, and the actual result may vary depending on ambient factors.  
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# Less Weight, More Power

## Born for Trail Running



Model	NB10000 Gen3	NB10000 Gen4
Voltage Platform	3.85V Standard Voltage Platform	<b>New</b> 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	<b>22.5W</b> Recharge Faster
Cell Energy Density	257mWh/g	<b>273mWh/g</b> Lighter, Cooler
Weight (Accessory Not Included)	150g (5.29 oz)	<b>143g (5 oz)</b> Carry Effortlessly
IP Rating	IPX5	<b>IPX7</b> Fearless of Rain and Splashes
Special Function	—	<b>Dynamic RGB Positioning Lights</b> Knock to Wake



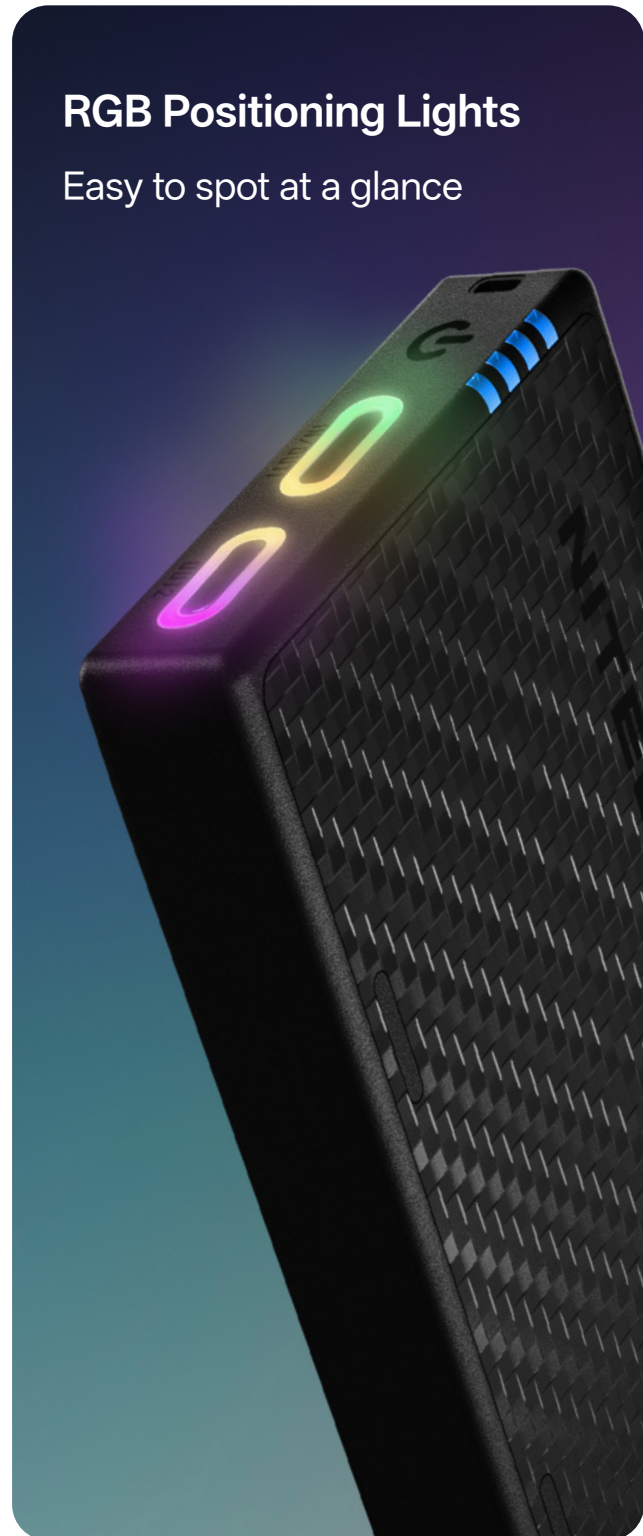
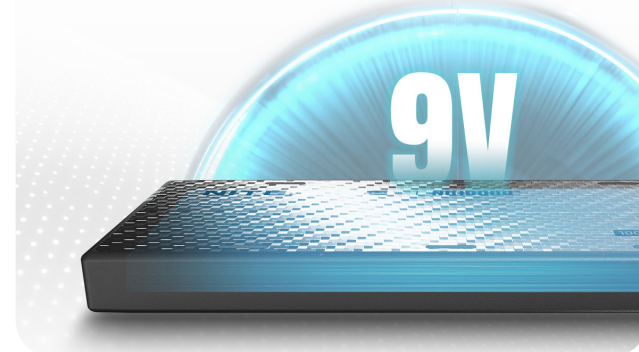
**Dual-sided Carbon Fiber Sheets +  
Reinforced Flame-Retardant Composite Frame**



**Knock to Wake**  
Ready for outdoor use



**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.



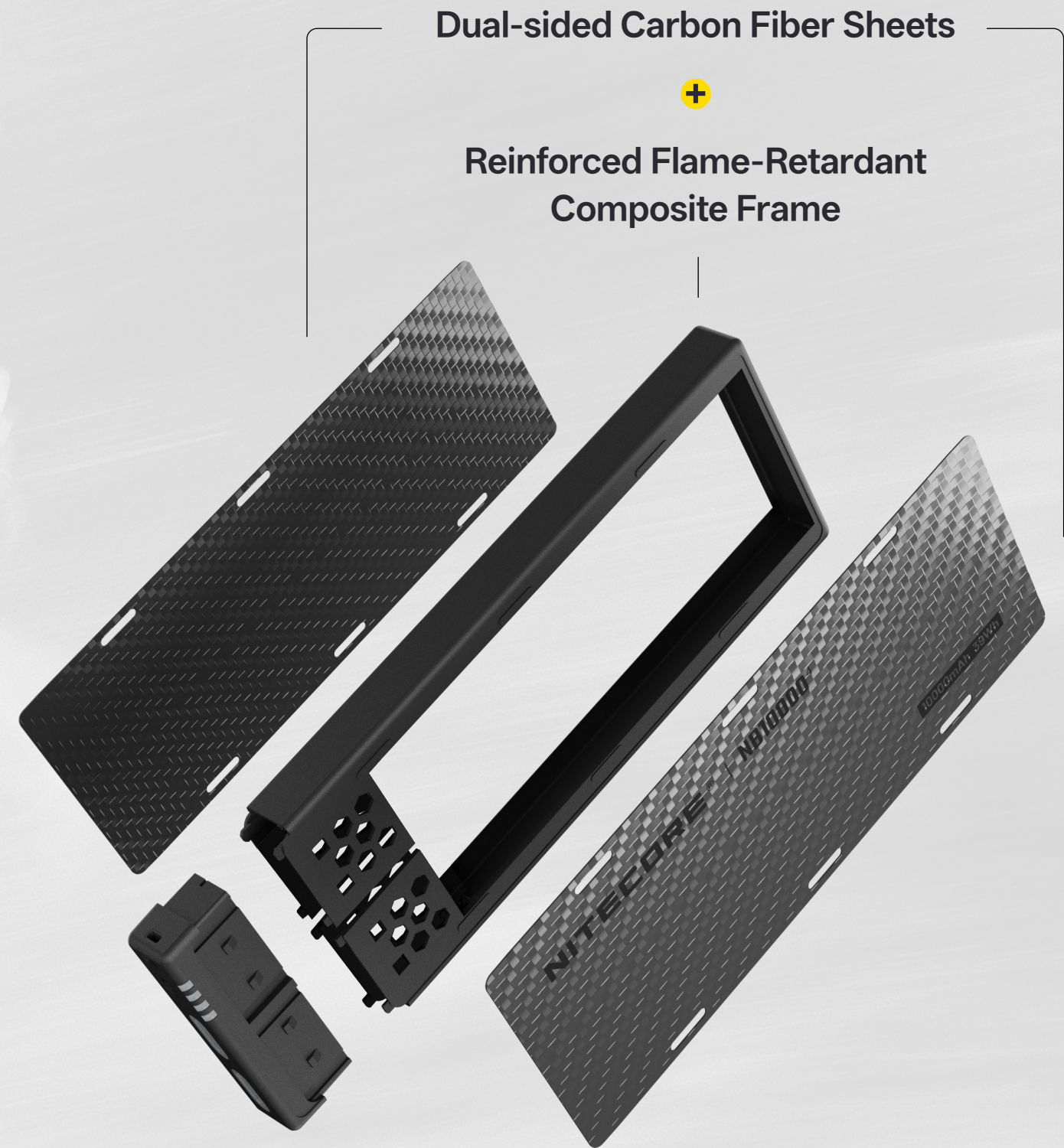
\* Data from NITECORE Lab, compared with the average weight of standard 10,000mAh power banks on the market. Actual results may vary due to differences in samples.

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

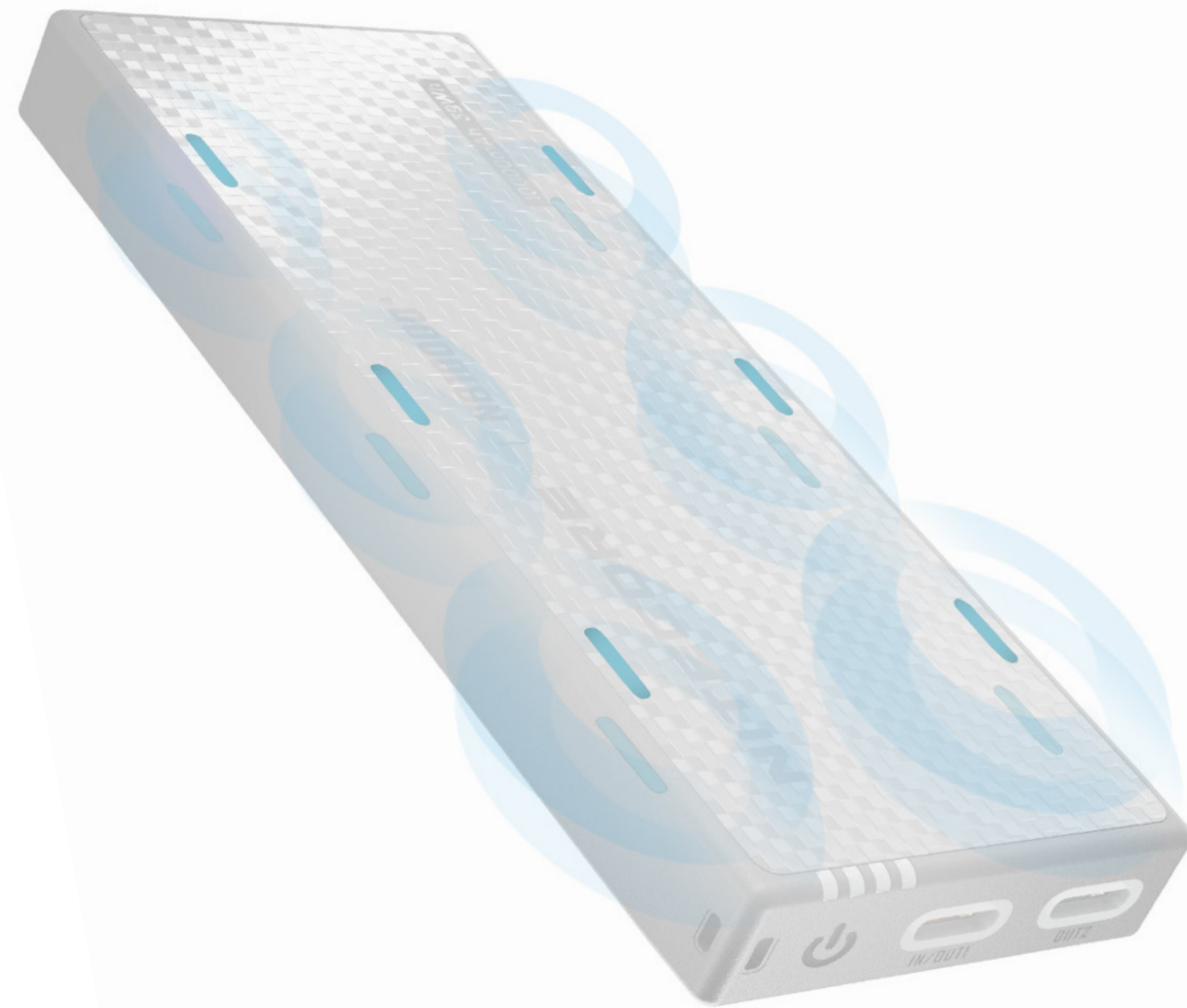
# Ultra Lightweight Inside and Out

Structural Weight

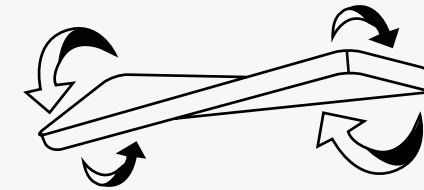
Only **11.3g (0.44 oz)**



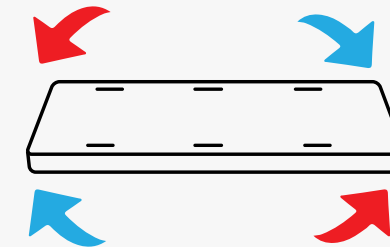
# Self-Developed Structure Ultra Thin and Solid (Patent Pending)



Power bank without the composite anti-torsion structure



NB10000 Gen4:  
Features the composite anti-torsion structure



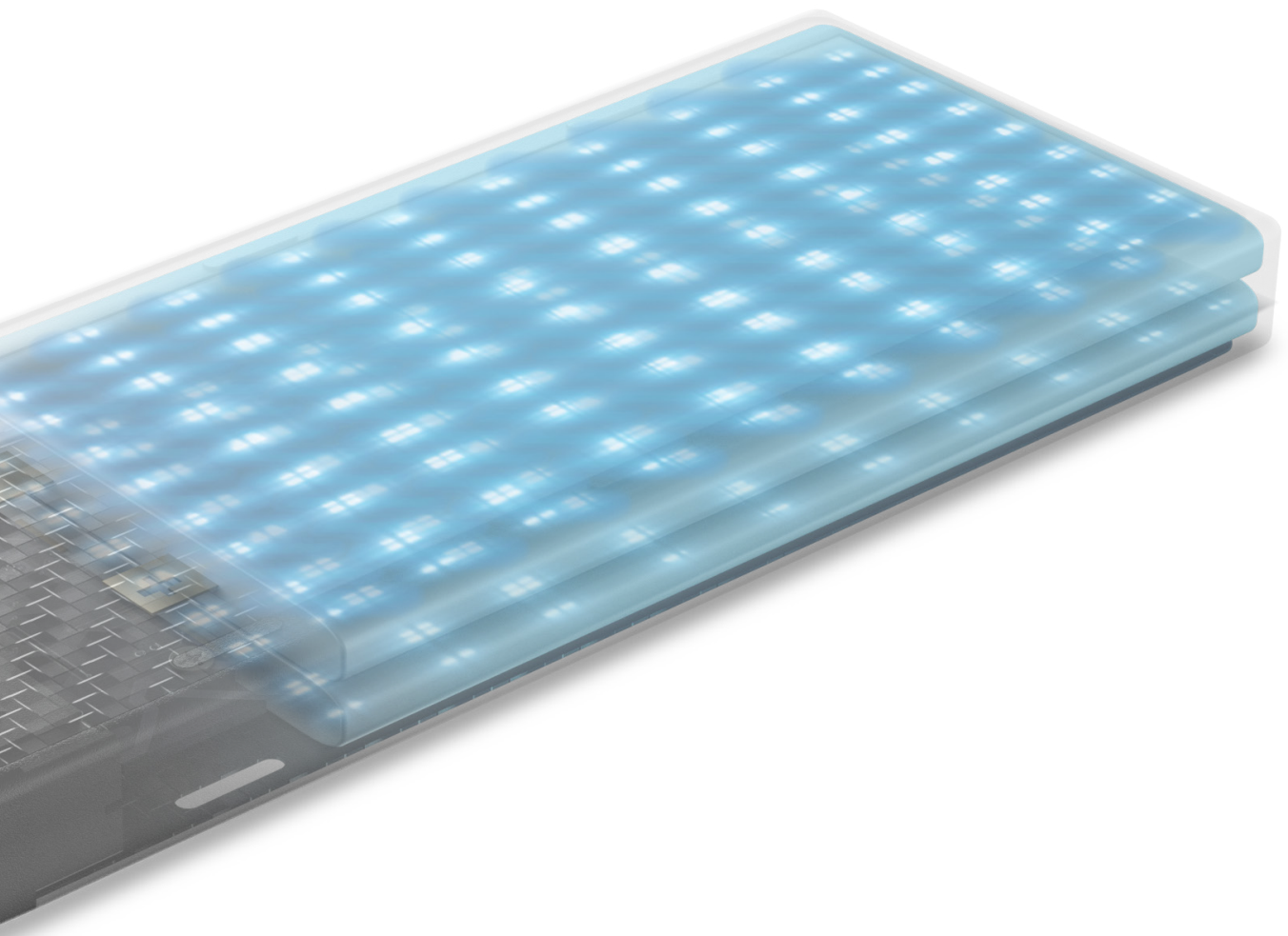
The ingenious engineering design of the NB10000 Gen4 transforms the tensile strength of carbon fiber to the torsional resistance of the whole structure, making it a portable, durable and reliable energy companion for outdoor enthusiasts.

# 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.

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

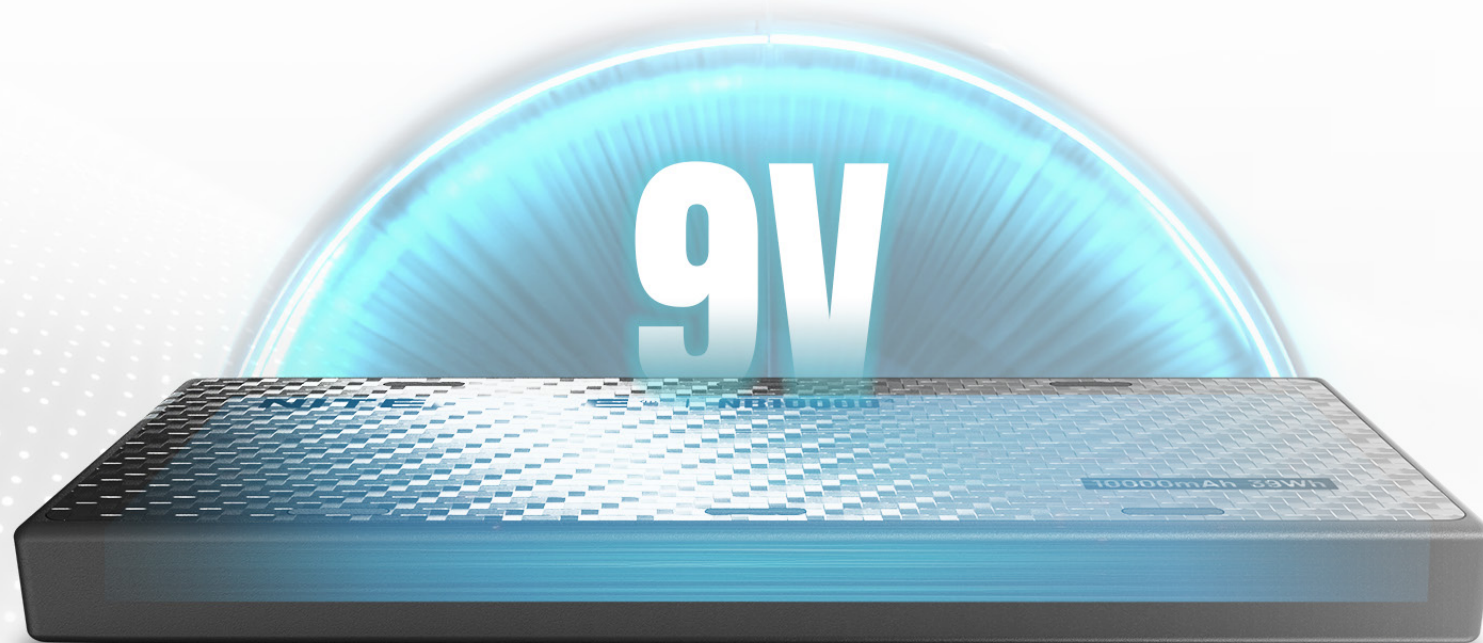
\* Flagship smartphones refer to the Pro or Ultra Series of each brand.

\* 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**

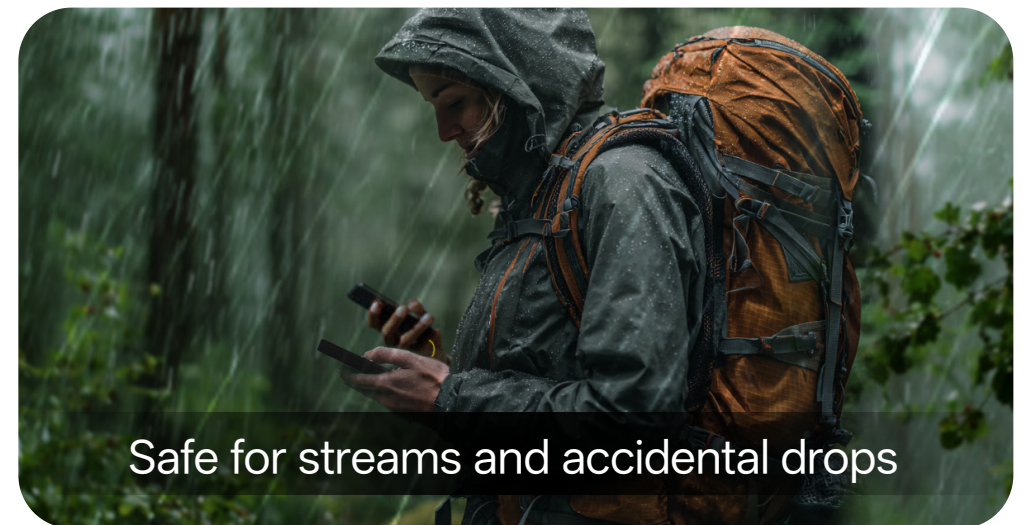
\*Data from NITECORE Lab, compared with the average rated energy of standard 10,000mAh power banks on the market. Actual results may vary due to differences in samples.

# 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.

# GIF



## Dynamic RGB Positioning Lights Easy to Spot at a Glance

(Patent Pending)

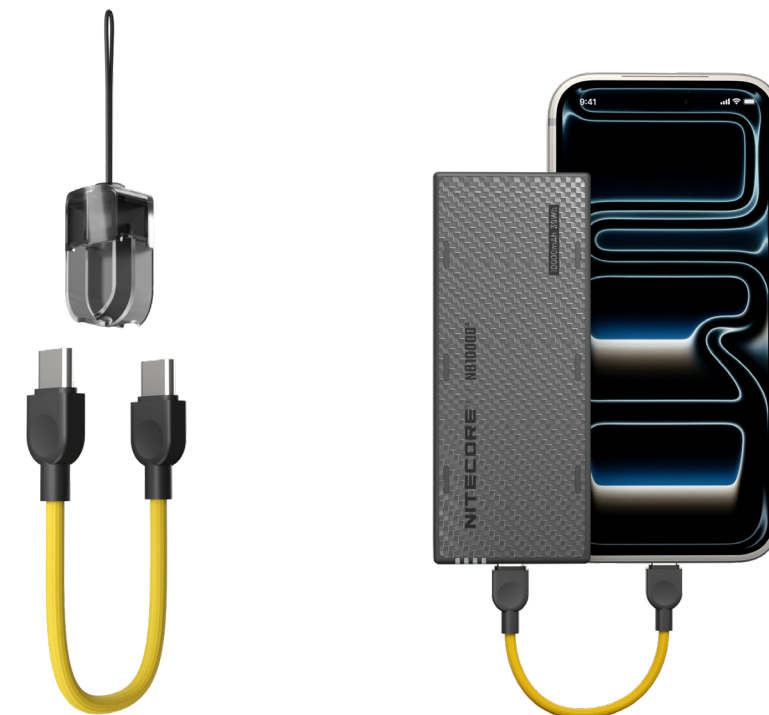
Dynamic RGB lights on each port allow clear recognition of port location, charging status, and output mode in low-light conditions, ensuring effortless use even at night.

\* To disable the "Knock to Wake" Function or "RGB Positioning Lights", please refer to the user manual.



# 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



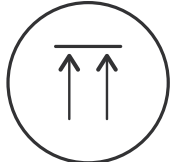
Trekking



Stream Trekking



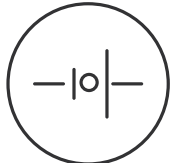
Lightweight Outdoor Activities



Overcurrent Protection



Intelligent Thermal Protection



Short-circuit Protection



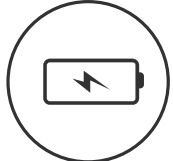
Optimized Charge/Discharge Efficiency



Over-discharge Protection



Touch Button Protection



Overcharge Protection



Accurate Power Indication



Overvoltage Protection



## Flight Companion

Complying with the UN38.3 Standard,  
it is your best worry-free power companion  
while on the move.



## Safe and Reliable

Globally insured and multiple global  
certifications approved



## Touch Button

Tap to indicate power level.

# NB10000 Gen4 Technical Data

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Cell: Capacity:  
Li-ion 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: Weight:  
IPX7 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.



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## Package List

