V98 G98

V150 G150

NANO® X

PRODUCT LAUNCH GUIDE

CORE

EMBARGO DATE
FEBRUARY 27TH, 2024

NANO® X

Where power, reliability, and innovation converge.

Unbreakable EmLED™ Display with NexCore™ Casing

Our patent-pending EmLED™ display is below the surface of the NANOX's NexCore™ battery shell, setting a new standard in reliable and resilient battery design.

Heavyweight Power, Featherweight Feel

Our lightest design to date, the NANOX is nearly 20% lighter than the competition. In the battery realm, excess weight is far from ideal—it's about delivering power without unnecessary baggage.

Mighty Core, Compact Form Brilliance

The NANOXs' groundbreaking compact design, meticulously crafted for optimal efficiency, guarantees robust performance in a small yet formidable package that redefines the boundaries of power and portability.

Nexcore™ Casing

The NANOX packs are the first to include our NexCore casing compound. This material is the ultimate safeguard for your cinematic power needs. Crafted from robust polycarbonate, NexCore is specifically designed to provide a formidable outer housing for your compact on-board battery pack. In the world of cinema production, where space is at a premium, NexCore stands out by delivering unmatched durability within its compact form. Its reinforced structure ensures protection against impacts and vibrations, securing the electronics and battery cells. With a sleek design that seamlessly integrates into limited spaces and weather-resistant features for versatile shooting conditions, NexCore raises the bar for compact casing reliability. Elevate your production standards with NexCore, where strength meets sophistication, ensuring your small battery pack stays protected, resilient, and ready for the demands of cinematic adventures.

EmLed™ Battery Display

The new NexCore housing now integrates the innovative EmLED Display, providing Core the ability to offer unparalleled power management in its battery packs. Our patent-pending EmLED display array is ingeniously placed below the surface of the NexCore battery shell, ensuring not only precision with percentage readouts and accurate, to-the-minute runtime details but aAlso worry-free durability in the most demanding production environments. Unlike conventional displays, EmLED is shielded from inadvertent damage, allowing you to focus on your creative process without compromising on real-time power insights. While you can press the status button to turn on the display as well as toggle between percentage and runtime, the EmLED display also automatically turns on when either charged or discharged. Elevate your cinematic experience with NexCore and EmLED—a seamless blend of strength, sophistication, and state-of-the-art technology.

Wraparound LEDs

The packs come equipped with a wrap-around battery status LED gauge within its rugged polycarbonate housing. This advanced feature allows cinematographers and other industry professionals to view battery status from anywhere on set. The LED gauge provides a clear visual indication of remaining battery life, remaining lit during charge and discharge. A status button on the top of the pack can illuminate the LEDs to display charge status when not in use. This allows for quick and easy monitoring of battery status, giving professionals the peace of mind that they need to focus on their work without worrying about power issues. Additionally, the wrap-around design of the LED gauge ensures that it can be easily viewed from any angle, making it an indispensable tool for any professional in the cinema industry.

Camera Communication

One of the key benefits of NANOX battery packs is their ability to communicate essential information to the camera. By transmitting the same information displayed on the runtime LCD to the camera, operators can view important data such as voltage, battery runtime, and percentage directly on their camera display. This feature not only saves time by eliminating the need to check the battery's status manually, but it also ensures that camera operators always have the most up-to-date information about the battery's performance. Professionals can work with greater efficiency and accuracy, knowing they have a reliable power source to support their creative vision. While some competitors offer "dumb" packs that merely store power, we believe in intelligent energy and this level of integration sets Core packs apart.

USBC PD Connection

Core's latest battery packs redefine video production with the integration of up to 100w USB-C Power Delivery (PD) connection. Experience lightning-fast charging, streamlining your workflow for uninterrupted creativity. The USB-C PD connection ensures seamless integration with production gear, simplifying cable management with a single, reversible cable for charging and discharging. Enjoy on-the-go power, transforming your battery pack into a portable hub for essential devices. Core's forward-thinking design is future-proof, guaranteeing compatibility with the latest innovations. Elevate your production experience with Core's USB-C PD-enabled battery packs—where speed, versatility, and simplicity converge to empower your creative journey.

Aux Outputs? We're on TOP of that.

Ptap/USB-A Aux Outputs

In addition to USBC, the packs also have a USB-A connection, catering to personal devices, offering versatile charging for smartphones and tablets. Simultaneously, the 12v Ptap connection on the top of the NANO98X provides a direct and efficient power supply to professional video equipment such as cameras and monitors, while not needing to worry about conflict with I/O on the camera. Designed for on-the-go reliability, Core's battery packs become the backbone of your video production setup, ensuring your creative vision is powered without compromise. Elevate your production experience with Core—where versatility, reliability, and efficiency converge in a compact, essential power solution.

Extreme Temperature Ready!

Our commitment to quality shines through in every NANOX pack, exemplified by our choice of premium cells that ensure seamless operation in extreme temperatures. Whether braving the chill of icy environments or enduring scorching heat, our packs deliver consistent performance without compromise. Designed to withstand the rigors of diverse shooting conditions, you can trust our packs to provide reliable power, whether atop the peaks of Everest or amidst the deserts of the Sahara.

Voltbridge iD

Introducing Voltbridge iD – revolutionizing battery monitoring. Each NANOX pack comes equipped with an RFID chip to store accumulated battery data. Simply wave your phone near the pack to access vital stats. Arriving this Summer, Core's Voltbridge ID app streamlines battery fleet management effortlessly. Keep an eye out for some not yet disclosed features within – adding an extra layer of functionality to your battery experience!

Unlimited Mounting Options

With the embedded 1/4-20 screw thread on the V-clip, you have limitless mounting possibilities with NANOX V-mount models. Now, effortlessly attach the packs to the side of camera rigs, gimbal attachments, or anywhere you have 1/4-20 threads for ultimate convenience. This feature offers unprecedented flexibility in your setup.

NANO® X V98

Specifications	
Part Number	NANO-V98X
Capacity	98Wh(14.8v, 6.6Ah)
Operational Voltage	DC 12v-16.8v
Size	2.82”x3.9”x2.2”
Weight	1.3lbs

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Part Number	NANO-V150X
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