

## **NANOV98/NANOG98 Air Transport Compliance**

The battery pack listed above is suitable for air transport as a non-hazardous article under the regulations of the IATA, the ICAO, and the UN. The pack contains less than 8 grams of equivalent lithium content. This quantity is in compliance with section A45-2\* of the Hazardous Substance Standards of the ICAO. The pack is suitable for air transport as a non-hazardous article.

\* Section A45-2: Lithium cells and lithium batteries are not subject to these instructions if they meet the following requirements: For a lithium ion battery the aggregate equivalent content is not more than 8g.



### **Specifications:**

**NANO Micro Lithium Ion Battery Pack**  
**Capacity: 98Wh (14.8V, 6.6 Ah)**  
**Size: 2.82" x 3.93" x 1.94"**  
**Weight: 1.2 lbs.**  
**Normal Runtime: (25W): 3.6Hrs**

### **Warranty:**

This product is warranted to the Original Purchaser against all defects in material and or workmanship for the period herein. The purchaser must activate the warranty, either at the time of purchase or within ten calendar days after the purchase. Completing the warranty card, enclosed in the box with the product, activates this warranty. The warranty card must be completed and delivered to Core SWX by the above-mentioned period of time.

The warranty period shall be, 2 year for parts and labor, unless otherwise noted.

Core SWX agrees to pay equal return freight costs to return the product the same method it was received. Customer must take this procedure stated below for Core SWX to acknowledge warranty.

#### Procedure:

1. Provide Bill of Sale in the event service is needed.
2. If service is needed on a product, at the time contact Core SWX and request a return authorization number through our online RMA system.
3. Ship defective product to Core SWX with return authorization number on outside of package.

Core SWX reserves the right to repair or replace any defective product under warranty after Core SWX determines which is more practical.

If Core SWX receives defective product for warranty repair and they are found to be defective as a result of misuse or other damage, not caused by normal wear and tear, Core SWX will notify the customer of an estimate of repair. Customer will incur costs. There are no further warranties, either expressed or implied, including warranties of merchantability or fitness for a particular purpose that has any bearing upon this transaction.



## **NANO V98/G98 Micro Lithium Ion Brick Battery INSTRUCTION MANUAL**

Thank you for your choice in purchasing a Core SWX Lithium Ion Battery Pack. The battery is designed to improve and assist you in your mobile powering requirements. Please read this manual to help you understand and capitalize on the features of this battery.

**Features:**

- On-Board Microprocessor stores: Name, Serial Number, Voltage, Temperature, Current, Chemistry Type, Charge Cycles, and Date of Manufacturing. When used with a Core SWX digital charger, this information can be displayed.
- The Viewfinder Capacity Display communicates with the camera to display your remaining battery capacity in your camera’s viewfinder. \*(select camera models)
- This Nano model adds support for battery capacity display in RED Cameras.
- Four Stage, accurate, LED power gauge.
- Temperature, current, and voltage protection.
- Incorporated 2-pin powertap provides unregulated power, and 5v, 2A USB.

**Charging the Battery:**

- The NANO Micro packs will charge on most *Li-ion chargers as well as new and older Core SWX* chargers. Please contact us before using other chargers.
- *Core SWX* batteries can be recharged in any charge condition.
- Charge the battery in ambient temperature range of between 0°C ~ 45°C. For best results, charge in an environment between 10°C ~ 30°C. Charging in any other conditions will not allow the battery to reach maximum charge capacity.

**Discharging the battery:**

- Maximum continous discharge is 10A(120w) for the NANO Micro packs.
- The 2-pin connector can be used to simultaneously power a camera and a 12vdc accessory. However, prior to using this option combine the total draw of the camera and accessory to make sure you are not drawing more than the recommended discharge amount.

**Hi-Draw Capabilities:**

- The Core Nano line is unique in that the packs can sustain up to 10A loads for continuous discharge. To keep the packs working at optimal performance, we recommend monitoring discharge when the battery packs get close to EOD(end of discharge). If monitoring via voltage, this would be near 13v. The key to maximum service life is proper usage.
- Upon full (high load) discharge, we recommend allowing the pack to cool for 30min. prior to recharge. Should the draw be lower(5A/60w for example), you may recharge after usage.

**Power Gauge LEDs:**

Remaining	LED1	LED2	LED3	LED4
0%	Off	Off	Off	Off
less than 10%	Blinking	Off	Off	Off
10-25%	On	Off	Off	Off
26-50%	On	On	Off	Off
51-75%	On	On	On	Off
76-100%	On	On	On	On

The power gauge’s accuracy is dependent upon a full charge and discharge. At least once every 2 months the battery should be fully discharged and charged so the battery can relearn the capacity of the battery.

**Storage:**

- Store the battery 25% charged in an environment between 10°C ~ 30°C. Every 2 months the battery should be charged due to minimal self-discharge.

**Notes On Use:**

- An increase in temperature is normal during charging and discharging.
- Make sure to keep battery contacts clean.
- Do not attempt to disassemble the battery. Please contact Core SWX for any service issues.
- Keep batteries seperated when transporting.
- Keep battery pack dry and avoid use in humid environments.