

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:**

- 2-Part Li-Ion Design allows makes it Air Travel Compliant
- INTELLICOM RunTime LCD
- 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)
- Four Stage, accurate, LED power gauge.
- No memory effect.
- Temperature, current, and voltage protection.
- Two on-board powertaps provides unregulated power, as well as a 5v USB.

**Charging the Battery:**

- Core SWX HC PRIME S batteries will charge on most V-mount *Li-ion chargers as well as* 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 for the is 10A(144W) for the HC PRIME.
- All additional powertaps and USB outputs can be used simultaneously during draw. 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.

**2-Part System:**

The Hypercore PRIME packs employ a unique 2-part system to comply with IATA, ICAO, and UN guidelines. When traveling, split the battery pack in two and pack each part seperately, protecting the ALL power contacts. Reconnect the battery pack for usage. We do recommend keeping battery pack halves matched for charge and discharge, reducing the possibility of conflict with battery pack communication.

**INTELLICOM RunTime LCD:**

- The LCD automatically switches between 3 different phases; Normal RT(based on default 30wh draw), Remaining RT(based on actual draw), and Remaining Charge Time(when charging). Press and hold the side LED button to activate the backlight
- During operation, the battery samples the current entering or exiting the battery in 7 second intervals. During the charging process, the charge current fluctuates, causing the Charge Time readings to vary.

<b>Power Gauge LEDs:</b>					
<b>Remaining</b>	<b>LED1</b>		<b>LED2</b>	<b>LED3</b>	<b>LED4</b>
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 RunTime LCD and 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.

## Hypercore PRIME Air Transport Compliance

Each half of this 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. This claim is valid when the Hypercore PRIME is SEPERATED IN TWO during travel. Each half of the HCPRIME 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. Each half 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:

### Hypercore PRIME Lithium Ion Battery Pack

Capacity: nominal 190wh (14.8V, 13.5 Ah)  
Each Half: 95wh(14.8v, 6.7Ah)  
Size: 3.8 x 6.6"x2.4"  
Weight: 2.6 lbs.  
Normal Runtime: (25W): 7.6Hrs  
Max Load: 10A

## 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 years 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.



# HyperCore PRIME S Lithium Ion Brick Battery INSTRUCTION MANUAL