



***Powerbase Edge Lite  
Battery Pack  
Instructional Manual***

***THIS BATTERY SHIPS IN STORAGE MODE.***

***You will need to charge the battery pack to awaken. Keep in mind some 3<sup>rd</sup> party chargers will not charge the pack when in storage mode. If the battery is in storage mode, the battery pack is functional, but no smart data transmission will occur.***

***Introduction:***

Thank you for your choice in purchasing a Core SWX battery pack. The battery is designed to improve and assist you in your mobile powering requirements. This product is at the pinnacle of technological advancements, offering the features and performance of several different products, making it the most advanced battery product in the industry.

Please read this manual to help you understand and capitalize on the features of this battery.

***Features:***

- Efficient multi voltage output with 5V/7.4V/14v connection outputs
- Four Stage, accurate, LED power gauge.
- Quick release plate for robust mounting solutions
- No memory effect.
- Temperature, current, and voltage protection.
- Charge through ptap

\*contact Core SWX for confirmation of battery charger compatibility if using other chargers.

***Operation:***

***1. Charging the Battery:***

- CoreSWX PowerBase Edge Lite batteries can be charged via a ptap solely.
- CoreSWX batteries can be recharged in any charge condition.
- Charge the battery in an ambient temperature range of 0°C and 45°C. For best results charge in an environment between 10°C and 35°C. Charging in conditions outside the aforementioned ranges may inhibit the pack from reaching maximum charge capacity.

***2. Discharging the battery:***

- Maximum continuous discharge for the pack is 8A.
- Press the side LED button for 1 second to activate the LED Indication.
- 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.

### ***LED Indication Guide:***

#### **Battery Charge Level:**

**1 Segment: 0-24%**

**2 Segment: 25-49%**

**3 Segment: 50-74%**

**4 Segment: 75%-100%**

Over time the power gauge's accuracy is dependent upon a full charge and discharge. At least once every 2 months the battery should be fully cycled(discharged and recharged) so the battery can relearn the capacity of the battery.

### ***PowerBase Edge Lite Voltage Output:***

The pack features a standard 7.4V port compatible with most mirrorless cameras when coupled with powerbase dummy battery cables. Additionally, it includes two USB-A output providing 5V at 3A. Like all CoreSWX battery products, it comes equipped with two integrated P-Tap (PowerTap/DTap) connectors on the side, featuring Smart Tap technology. This allows you can power any 12VDC device directly from this port.

### ***Quick Release Plate:***

The Edge Lite is outfitted with an updated dovetail style quick release plate for a more robust mounting solution. The quick release plate has a 1/4-20 thread to attach under most cameras, and 1/4-20 receptacle on the Q opposing side to mount on a tripod. In addition, the 1/4-20 quick release plate can be used to attach the pack to any part of a camera cage's side, top, or anywhere with a 1/4-20 thread.

### ***Sleep/Storage Mode:***

After 7 days of inactivity the pack shuts down to preserve power. To wake up simply put your pack to charge or press the reset button in between the terminals on the power tap

### ***Battery Storage:***

In the event the battery pack won't be used for an extended period of time, store the battery pack at 40% charged in an environment between 10°C and 35°C. Every two months the battery pack should be fully cycled to reduce the change of self discharge and capacity loss.

### ***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 separated when transporting.
- Keep the battery pack dry and avoid use in humid environments.

### ***PBE-Lite Transport Compliance:***

All of CoreSWX batteries that are travel safe have an Air Compliant label. The battery pack models listed above are suitable for air transport as a non-hazardous article under the regulations of the IATA, the ICAO, and the UN. According to IATA regulations. Check with your airline's rules for specific limitations. Spare batteries should be individually protected to prevent the possibility of short circuits.

**Specification Data:****Capacity:** 47wh (14.8vdc, 3.3Ah)**Size:** 5.6" x 3.6" x 1.55"**Weight:** 1.3lbs.**Max Continuous Load:** 8A**Normal Runtime:** approx. 8.25 hours (Sony A7 w/o accessories)**Warranty:**

This product is warranted to the Original Purchaser against all defects in material and or workmanship for the period herein.

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. In the event of an issue, the purchaser agrees to the below RMA procedure.

Procedure:

1. Go to <http://www.coreswx.com> and to the the support section to fill out the online RMA form.
2. Print the RMA number confirmation, and ship the product needing service to Core SWX, LLC. along with RMA number confirmation, and copy of bill of sale.
3. All shipments must be done either through UPS or FEDEX, and insured if necessary
4. Core SWX, LLC. is not responsible for any lost shipments.

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.



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