



**Apex 360 LV
Battery Pack
Instructional Manual**

THIS BATTERY SHIPS IN STORAGE MODE.

Press the LED button to awaken the battery pack. You may also charge the battery pack full to awaken. Keep in mind some 3rd 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:

- Apex single voltage output (14v)
- Four Stage, accurate, LED power gauge.
- No memory effect.
- Temperature, current, and voltage protection.
- Incorporated 5v USB. The USB can also be used as a firmware update port.

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

Operation:

1. Charging the Battery:

- CoreSWX Apex batteries were designed to be used with Core SWX chargers. Any other charger may damage the battery and/or the charger. Please contact us before using other chargers.
- CoreSWX batteries can be recharged in any charge condition.
- Charge the battery in 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 24A(336W).
- The LED will automatically turn on when in use.
- Press the side LED button for 1 second to activate the backlight feature.
- During operation, the battery samples the current entering or exiting the battery in 7 second intervals and conveys via the wraparound LED display.

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.

Apex Voltage Output:

The APX-360V offers a 367wh Lithium Ion v-mount solution capable of outputting up to 24A continuously as well as providing extended runtimes. With the up to 24A load output, the user will enjoy a more "true" runtime while operating the high power LED lighting systems.

The battery provides USB-A connection that is consistently regulated at DC 5v 3A no matter the phase of the battery pack. This USB-A connection operates as both input and output.

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.

Firmware Update Function:

The battery packs come with a multifunctional USB port that serves both as a 5V output for charging or powering devices and as a port for firmware updates. To initiate a firmware update or perform device charging, follow these steps: First, put the battery into sleep mode by holding the LED button for 20-30 seconds until the LCD screen goes blank. Then, connect the battery to a computer using a USB-A to USB-A Data cable, which should prompt the battery to appear as an empty removable drive on the computer. Next, simply click and drag the desired file into the drive, ensuring proper transfer. Once the transfer is complete, disconnect the battery from the computer. It's advisable to wait for 3 to 5 minutes before attempting to wake the battery up or placing it on a charger to ensure proper functionality.

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 battery pack dry and avoid use in humid environments.

#APX-360LV Transport Compliance:

The battery pack model(s) listed above contain more than 8 grams of equivalent lithium content and are above 160wh. Those wanting to transport this pack via ground shipping or air should contact Core SWX for the latest guidance prior to doing so, as regulations and restrictions regarding lithium battery transportation can vary and are subject to change. Please note that this pack is not permitted on an airplane within carry-on or checked baggage due to safety regulations. It is important to ensure compliance with all relevant regulations to avoid any complications or delays in transportation.

Specification Data:

Capacity: 367Wh (14.8v, 25.5Ah)
Operational Voltage: DC 12v-16.8v
Size: 3.5" x 6.3" x 3.8"
Weight: 3.6 lbs
Load: 24A Continuous
Mount type: Standard V-mount

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, 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.



91B Commercial St. Plainview NY 11803 USA

Web: www.coreswx.com Email: sales@coreswx.com

Tel: +1 516-595-7488 Fax: +1 516-595-7492

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