



***Renegade 7  
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 3<sup>rd</sup> party chargers will not charge the pack when in storage mode. If the battery is in storage mode(LCD blank), 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:***

- Dynamic multi-voltage output via 2x XLR 4p 15v(regulated), 2x XLR 3p @28v(DC 22.5v-32.85v), 1x PowerConn @ 48v(regulated)
- Runtime backlit LCD
- On-Board Microprocessor stores: Name, Serial Number, Voltage, Temperature, Current, Chemistry Type, Charge Cycles, and Date of Manufacturing.
- No memory effect.
- Temperature, current, and voltage protection.
- Polycarbonate casing provides a shock absorbing, water resistant shell to protect the battery pack.

***Operation:***

***Usage***

1. Press the power button down to the ON position(depressed):
  - All outputs are available.
  - Button LED indicator lights up in blue.
  - LCD display will illuminate
2. Press the power button to OFF position:
  - Power outputs become unavailable.
  - Button LED indicator stays off.
  - Can be used for TTL 5V communication.

***Charge Operation***

1. You can charge the RNG7 whether the power button is ON or OFF.
  - When the power button is in the OFF position, the LED indication on the included PFQ8 charger will change from RED to GREEN when the battery pack is fully charged
  - If the power button on the RNG7 is in the ON position(depressed), then LCD will inform you of time until fully charged and percentage.
2. To charge the pack, plug in the AC cable into the PFQ8 and plug the 3p XLR cable from the PFQ8 charger into the charge input on the RNG7.
3. From a fully discharged state, the included PFQ8 external charger can recharge the RNG7 in less than 3.5 hours.

### ***Runtime LCD Display***

The RNG7 7 is equipped with a 3-phase backlit runtime LCD, strategically mounted on the front of the pack, providing the camera operator or grip the ability to access information on battery life and charge status at a glance. This advanced LCD is designed to display estimated runtime when the pack is not in use and actual calculated runtime when it is in use by sampling the load every 3 seconds. Additionally, the LCD displays a bar graph, runtime in hours and minutes, and remaining percentage capacity.

### ***High Voltage Output:***

The RNG7 is a 777wh, Lithium Iron Phosphate(LIFEPO4) power station encased in a polycarbonate housing. It can deliver 15v, 28v and 48 simultaneously with up to a 1200w output.

### ***Polycarbonate Casing***

The RNG7's Polycarbonate casing provides shock-absorbing and water resistant protection to its internal components. Its consistent form factor allows for the RNG7 to be compatible with legacy shipping cases, allowing for maximum versatility.

This compact casing safeguards protects its internals from the world of cinema production. For gentle cleaning, use a soft, lint-free microfiber cloth to gently wipe the surface of the polycarbonate casing. Avoid abrasive materials or harsh chemicals, as they may cause scratches or damage to the protective layer. In general, the casing protects against impacts and vibrations as well as being weather resistant to accommodate for versatile shooting conditions.

### ***Battery Storage***

It is recommended to keep the RNG7 on charge when not in use. In the event you want to store for over 3 months, it is rec store the battery pack at 40%charged in an environment between 10oC and 35oC. Every two months the battery pack should be fully cycled to reduce the change of self discharge and capacity loss.

The RNG7 has a storage mode function which may be enabled after a period of non-usage. When in storage mode, the pack may not respond to charging nor turn on via the power button. To wake up the battery pack, use the included 3p XLR to 3p XLR "wake up" cable and place it in line between RNG7 3p XLR charge input connection and the PFQ8 for 1 minute. After 1 minute, remove the wake up cable and charge normally with PFQ8 charger.

### ***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.

### ***Renegade 7 Air Transport Compliance***

The battery pack models listed above contain more than 8 grams of equivalent lithium content and are above 160wh. Those wanting to transport this pack via 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 nor 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:

**Cell Chemistry:** LiFEPO4

**Capacity:** 777wh(28.8v, 27AH)

**Size:** 9.56" x 13.7" x 5.3"

**Weight:** 21.7 lbs.

**Voltage Outputs:** 2x XLR 4p 15v(regulated), 2x XLR 3p @28v(DC 22.5v-32.85v), 1x PowerConn @ 48v(regulated)

**Max Load:** 20A @ 15v, 20A @ 28v, 15A @ 48v)

**Built-in Protections:** Temperature(internal), Voltage(internal), Current(resettable internal)

## 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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