



## 12 AMP SWITCHING POWER SUPPLY



The ElectriFly™ Power Supply is great for a wide range of applications as it is capable of maintaining 12 amps output current at 12V DC. This power supply delivers clean, smooth, reliable power and is directly compatible with the entire line of ElectriFly Triton™ chargers, as well as other chargers and a huge variety of other DC devices.

### SPECIAL FEATURES

- Delivers up to 12 amps while maintaining a smooth, clean 12 volts DC on the output.
- 4mm banana output jacks for easy connection of chargers and other DC devices.
- Top mounted cooling fan for better overall efficiency and lifespan.
- Built-in current limiter automatically prevents damage from accidental overloads.
- Includes a convenient face-mounted power switch with LED indicator.
- Durable, lightweight case.
- Short circuit protection.

### SPECIFICATIONS

- Input voltage: 110-120V 60Hz, 3-prong U.S. power cord
- DC output voltage: 13.8 volts
- DC output current: 12 amps max.
- Max. rated power: 165W
- Output connections: 4mm banana jacks
- Overload protection: 12 amp solid-state current limiter
- Case size: 5.4" x 4.9" x 2.4" [132 x 125 x 61mm]
- Weight: 29 oz. [822g]

### IMPORTANT PRECAUTIONS

- Do not allow water, moisture or foreign objects into the power supply.
- Do not cover the air intake, fan, and other vent holes. This will cause the power supply to overheat.
- Do not exceed 120V AC input.
- Do not leave the power supply connected to AC when unused.
- Do not open or attempt to repair the power supply at any time. Contact Hobby Services for any and all repair needs.
- Keep out of reach of children.

### AC INPUT POWER

The ElectriFly 12 Amp Power Supply accepts power from a 110V AC source. This is a “switching” power supply as opposed to a linear power supply which employs a high frequency switch-mode design to convert 110V AC input to a fixed 13.8V DC output. This state-of-the-art technology allows the power supply to operate entirely without a big, heavy internal transformer and results in a very small, and lightweight device that can deliver a tremendous amount of power. This technology also generates highly efficient and clean DC output. This is especially valuable today as many R/C chargers utilize peak detection designs which are very sensitive and demand the cleanest power sources possible in order to maintain error-free operation.

### POWER SWITCH

The power switch has a red LED to clearly show when the switch is in the on position. The LED does not illuminate when the switch is in the off position. It's recommended to turn the power supply off when not in use to extend its lifespan.

### COOLING FAN

The cooling fan is controlled by a sensor and will switch on and off as needed as heat within the power supply rises and falls. The fan does not operate at all times when the power switch is turned on.

## CASE

The case is vented to allow sufficient air-flow for proper cooling. ALWAYS have at least one inch of unobstructed area around the case to allow the fan to properly cool the power supply.

**WARNING: NEVER** set any objects such as nuts, screws, washers, etc. on top of the case because they could very easily fall through the vents and cause permanent damage to the power supply.

**WARNING: NEVER** stack a charger or any other device on top of the case as it will prohibit proper cooling and could cause permanent damage to the power supply.

## CONNECTING EXTERNAL DEVICES

Always connect the red (+) positive lead from your charger or other external device to the red (+) positive terminal on the power supply, and the black (-) negative lead from your charger or other external device to the black (-) negative terminal on the power supply.

**Note:** The black and red terminal caps can be unscrewed and removed if needed.

**WARNING:** Do not allow wires or other metal objects to accidentally make contact simultaneously with both terminals, as a short circuit condition will exist.

**WARNING: ALWAYS** ensure polarity is correct when connecting external devices to the power supply. Reverse polarity will not damage the power supply but it may damage the external device.

**WARNING: NEVER** attempt to connect batteries directly to the output of the power supply!

## SAFETY FEATURES

The Electrify 12 Amp Power Supply has a 12 amp solid-state current limiter for overload protection, plus short circuit protection. If either of these conditions occur, disconnect the supply from the AC input, wait approximately 15 seconds to allow the device to reset, and then re-connect to the AC input.

A built-in top mounted cooling fan keeps electronics cool to help maintain optimum efficiency and extend the life of the power supply.

**WARNING:** Do not block the air vents on the power supply. Make sure there is ample room for air to enter and leave the power supply so heat can dissipate efficiently.

## 1-YEAR LIMITED WARRANTY – \*USA AND CANADA ONLY

ElectriFly warrants this product to be free from defects in materials and workmanship for period of one (1) year from the date of purchase. During that period, ElectriFly will, at its option, repair or replace without service charge any product deemed defective due to those causes. You will be required to provide proof of purchase (invoice or receipt). This warranty does not cover damage caused by abuse, misuse, alteration or accident. If there is damage stemming from these causes within the stated warranty period, ElectriFly will, at its option, repair or replace it for a service charge not greater than 50% of its then current retail list price. Be sure to include your daytime telephone number in case we need to contact you about your repair. This warranty gives you specific rights. You may also have other rights, which vary from state to state.

For service on your ElectriFly product, warranty or non-warranty, send it post-paid and insured to:

HOBBY SERVICES  
3002 N. Apollo Drive, Suite 1  
Champaign, IL 61822  
(217) 398-0007  
[www.hobbyservices@hobbico.com](mailto:www.hobbyservices@hobbico.com)

\*For warranty and service information if purchased outside the USA or Canada, see the additional warranty information insert (if applicable) or ask your retailer for more information.

[www.electrifly.com](http://www.electrifly.com)

