



### Setting Up Your Power Supply

#### Connecting with Positive and Negative Wires

**Note:** Make all other connections before you connect the power supply to standard AC power.

1. Turn off the power supply and the device requiring power.
2. Turn the red and black binding output posts counterclockwise to expose the wire holes.
3. Insert the device's positive wire (usually red) into the red binding post hole and the negative wire (usually black) into the black binding post hole. Tighten the binding posts to secure the wires in place.
4. Connect to a standard 120V AC outlet.
5. Press **POWER** to turn on the power supply.

#### If **POWER** does not light:

- Check all connections and confirm the AC outlet has power.
- If the outlet has power, turn off the power supply and reduce the load (use a device that requires 13.8V DC or less). Press **POWER**.

Your power supply's overload protection circuit shuts down and recovers automatically when an overload condition is detected and removed.

#### To avoid damage to the power supply and device:

- Make sure your connections match the correct polarity (+ to +, - to -).

- Do not let the exposed ends of the positive and negative wires touch other.
- The binding posts' wire holes can accommodate wire up to 18 gauge.

#### Connecting to the Power Port

1. Turn off the power supply and the device requiring power.
2. Open the power supply's power port cap. Keep the cap closed when not in use.
3. Plug the device's DC power cord into the power supply's power port.
4. Connect the power supply's AC cord to a standard 120V AC outlet.

**CAUTION**

**RISK OF ELECTRIC SHOCK DO NOT OPEN**

**WARNING:** To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

---

**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

---

**The lightning symbol is intended to alert you to the presence of uninsulated, dangerous voltage within this product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.**

---

**The exclamation symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.**

### Important Safety Instructions

**Read and Retain Instructions** — Safety and operating instructions should be read prior to use. The safety and operating instructions should be retained for future reference.

**Heed Warnings** — Follow all warnings on the device and in the instructions.

**Cleaning** — Unplug this device from the wall outlet before cleaning. Clean only as recommended by the manufacturer. Clean by wiping with a cloth slightly dampened with water. Avoid getting water inside the device. Do not use liquid or aerosol cleaners.

**Water and Moisture** — Do not use this device near water (for example, near a bathtub, washbowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool).

**Mounting Accessories** — Do not place device on an unstable cart, stand, tripod, bracket, or table. The device may fall, causing injury to a child or adult, and damage the device. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the device. Follow the manufacturer's mounting instructions, and use a recommended mounting accessory.

**Ventilation** — Slots and openings in the cabinet provide ventilation, ensure reliable operation, and protect from overheating. Do not block or cover these openings, and do not place the device on a bed, sofa, rug, or other similar surface. Do not place the device in a built-in installation such as a bookcase or rack unless it provides proper ventilation as specified by the manufacturer.

**Heat** — The device should be situated away from heat sources such as radiators, heat registers, stoves, or other devices that produce heat.

**Power Sources** — Use this device with the power source indicated on its marking label. If you are not sure of your home's power type, consult your appliance dealer or local power company.

**Grounding or Polarization** — This device is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

**Power-Cord Protection** — Route power-supply cords so they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs, outlets, and the point where they exit from the device.

**Non-use Periods** — The device's power cord should be unplugged from the outlet when it is to be left unused for a long period of time.

**Overloading** — Do not overload wall outlets, extension cords, or other outlets. This can result in fire or electric shock.

**Objects and Liquids** — Never spill liquids or push objects of any kind into this device through openings, as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock.

**Carts and Stands** — If the device is used with a cart or stand, the cart or stand should be a type recommended by the manufacturer. A device and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces cause the device and cart combination to overturn.

**Damage Requiring Service** — Refer servicing to qualified service personnel under these conditions:

- \* When the power-supply cord or plug is damaged.
- \* Liquid was spilled or objects fell in the device.
- \* If the device has been exposed to rain or water.
- \* If the device does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the device to normal operation.
- \* If the device has been dropped or damaged.
- \* When there a distinct change in performance.

**Servicing** — Do not attempt to service this device yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

**Replacement Parts** — When replacement parts are needed, use only parts specified by the manufacturer or parts with the same characteristics as the original part. Substitutions may result in fire or electric shock.

**Safety Check** — Upon completion of service or repairs, ask the service technician to perform safety checks to determine if the device is in operating condition.

**Lightning** — For added protection during a lightning storm, or when the device is unused for long periods of time, unplug it from the wall outlet. This prevents damage due to lightning and power surges.

**Attachments** — Do not use attachments not recommended by the product manufacturer as they may cause hazards.

**Wall or Ceiling Mounting** — The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

Thank you for purchasing your 13.8VDC 3A Power Supply from **RadioShack**. It can convert standard 120V AC household power to 13.8V DC power and supply up to 3 amps of continuous power. (Your vehicle's 12-volt electrical system provides 13.8 volts when the engine is running.) Please read this user's guide before installing, setting up and using your new product.

### What's Included

Power Supply

User's Guide

### Specifications

Input Voltage.....	120V AC
Input Frequency.....	60 Hz
Output Voltage.....	13.8V DC/±0.7 V
Output Current.....	3 A DC Continuous (Max.)
Line Regulation.....	Less Than ±1%
Load Regulation.....	Less Than ±5%
Overload Protection.....	Fuse, 2A/250V
Output Ripple.....	140mV RMS
Design.....	Switching Type
Operating Temperature.....	32° to 104°F (0° to 40°C)
Storage Temperature.....	-4° to 140°F (-20° to 60°C)
Input Cable.....	18 AWG x 3C, SVT 6 Feet
Output Terminal.....	Binding Post 10 Amp/125 Volts
Power Switch.....	Illuminated, 10A/125V AC
Dimensions (H x W x D).....	1.77 x 4.76 x 4.65 Inches
	(45 x 121 x 118 mm)
Weight.....	1.498 lbs (0.68 kgs)

Specifications are subject to change and improvement without notice. Actual product may vary from the images found in this document.

### RF Emissions Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local RadioShack store or an experienced radio/TV technician for help.

If you cannot eliminate the interference, the FCC requires that you stop using your power supply. Changes or modifications not expressly approved by **RadioShack** may cause interference and void the user's authority to operate the equipment.

### Limited Warranty

This product is warranted by **RadioShack** against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from **RadioShack** company-owned stores and authorized **RadioShack** franchisees and dealers. For complete warranty details and exclusions, check with your local **RadioShack** store.

**RadioShack** Customer Relations  
300 RadioShack Circle Fort Worth, TX 76102  
[www.radioshack.com](http://www.radioshack.com)

04/04



Protect the environment by recycling used electronics. Go to [www.eyclingcentral.com](http://www.eyclingcentral.com) to find a recycle location near you.