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› DRELD 50 Amp to 20 Amp RV Distribution Adapter Instruction Manual

## DRELD 14-50p to 5-20R/15R

# Product Instruction Manual

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DRELD 50 Amp to 20 Amp RV Distribution Adapter

Model: 14-50p to 5-20R/15R

## 1. PRODUCT OVERVIEW

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The DRELD 50 Amp to 20 Amp RV Distribution Adapter (Model: 14-50p to 5-20R/15R) is designed to convert a NEMA 14-50P 50A RV/Generator/Range male plug into four NEMA 5-15/20R 20 Amp, 125 Volt household T-blade female connectors. This adapter is particularly useful for applications such as flood recovery, river bed pest treatment, RV campsites, generators, industrial sites, and construction sites, allowing multiple household appliances to be powered from a single high-amperage source.



Image: DRELD 50 Amp to 20 Amp RV Distribution Adapter, showing the 14-50P male plug and the four 5-20R/15R female outlets.

## 2. KEY FEATURES

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- **Versatile Compatibility:** Converts a NEMA 14-50P (50A, max 125/250V) RV/Generator/Range male plug to four NEMA 5-15/20R (20 Amp, 125 Volt) household T-blade female connectors.
- **Integrated Circuit Breaker:** Features two built-in 20 amp circuit breakers. If the current of a connected appliance exceeds 20 amperes, the circuit breaker will trip, cutting off power to prevent overload. It can be reset by pressing the red button after identifying and resolving the cause of the trip.
- **Durable Construction:** The cable is constructed with high-quality copper wires and an STW jacket (10/4, 30 AMP copper wire) designed for 600-volt resistance and flexibility in extreme temperatures.

- **Optimal Length:** The wire length is 1.5 feet, providing adequate reach for various applications.



Image: Visual representation of the adapter's primary function for RV and generator use.

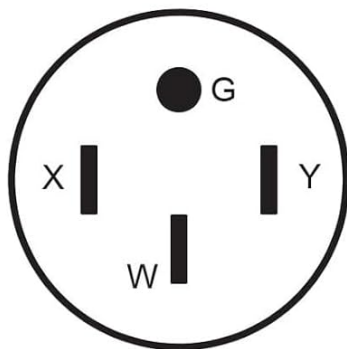


Image: Diagram illustrating the high-quality copper core wire, resistant insulation, durable PVC jacket, and the built-in circuit protection with red reset buttons.

### 3. SETUP INSTRUCTIONS

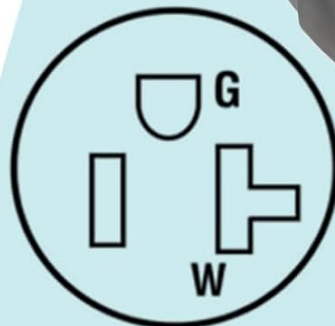
1. **Identify Power Source:** Ensure your power source has a compatible NEMA 14-50R 50A outlet. This adapter is designed for 125/250V systems.
2. **Connect Adapter:** Firmly insert the NEMA 14-50P male plug of the adapter into the corresponding 50A power outlet. Ensure a secure connection.
3. **Connect Appliances:** Plug your household appliances (rated for 15A or 20A, 125V) into the four NEMA 5-15/20R female outlets on the adapter.
4. **Verify Connections:** Double-check all connections to ensure they are snug and properly seated before applying power.

## 4-Prong 14-50p Outlet Plug to 5-20R Female Adapter



**14-50P**

Model Number: XN1450P-A



**5-15R** Model Number: XN515R-C



Image: Detailed diagram showing the NEMA 14-50P male plug and the NEMA 5-20R/15R female outlets, indicating their configurations.

# NEMA 14-50P Compatible



Image: Illustrates the NEMA 14-50P plug and its compatibility with a 14-50R receptacle, explicitly showing it is not compatible with NEMA 14-30.

## 4. OPERATING INSTRUCTIONS

Once the adapter is securely connected to the power source and your appliances are plugged into the adapter's outlets, power will be distributed. The adapter is designed for straightforward operation.

- **Power Distribution:** The adapter will distribute power from the 50A source to the four 20A household outlets.
- **Circuit Breaker Function:** The built-in 20 amp circuit breakers provide overload protection. If an appliance draws more than 20 amps, the corresponding breaker will trip.
- **Resetting Breaker:** If a circuit breaker trips, disconnect the overloaded appliance. Investigate and resolve the cause of the overload. Once the load is reduced and the cause is addressed, press the red reset button on the adapter to restore power.

# Working On Multiple Devices

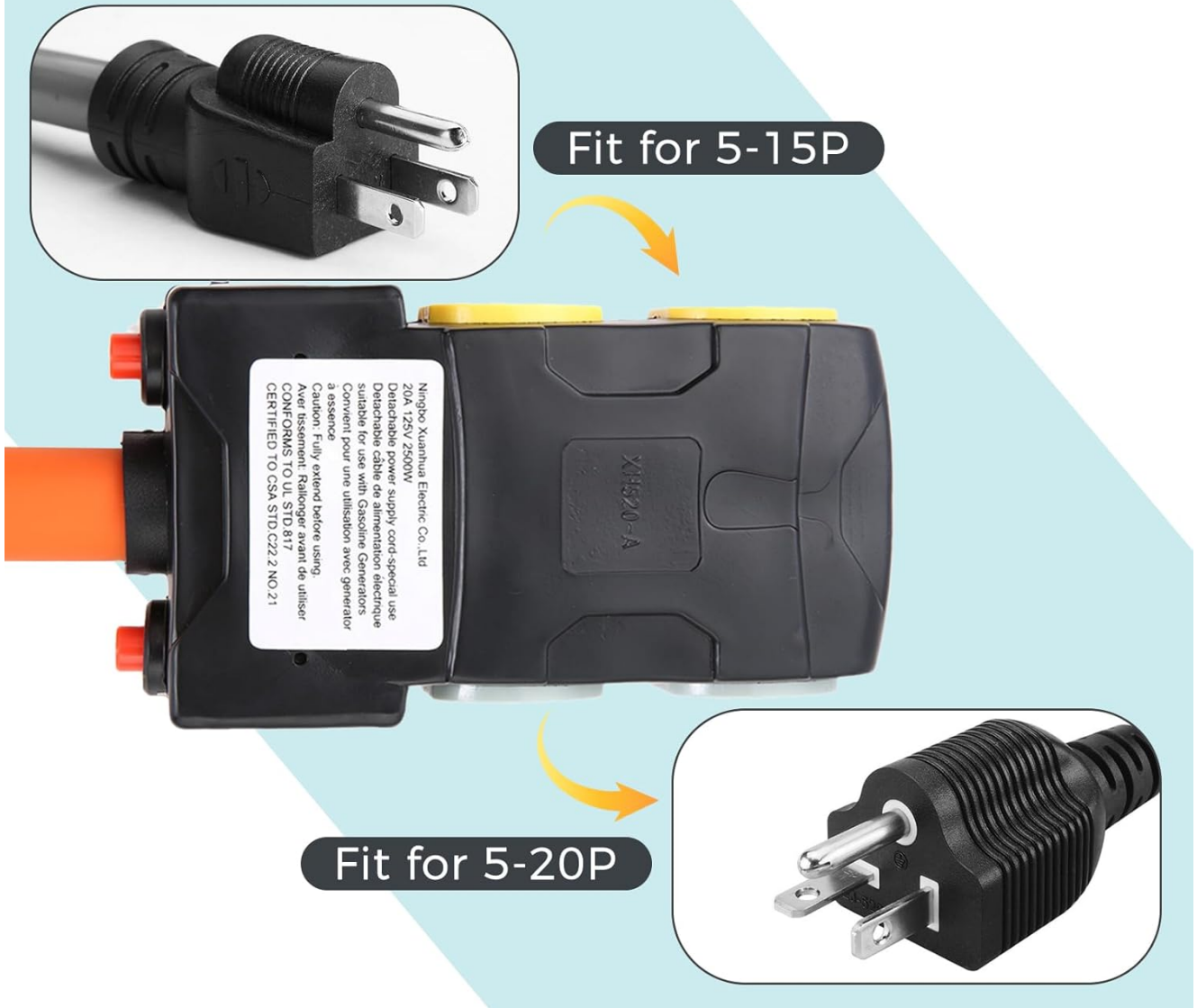


Image: Shows the adapter's outlets and how they can accommodate both 5-15P and 5-20P plugs, indicating versatility for various household devices.

# Household Outlet 5-15R / 20R



Image: Depicts various household appliances such as coffee makers, toasters, kettles, and blenders, illustrating the adapter's utility for common devices.

## 5. MAINTENANCE

- **Regular Inspection:** Periodically inspect the adapter, cable, and plugs for any signs of wear, cuts, fraying, or damage. Do not use if damaged.
- **Cleaning:** Keep the adapter clean and free from dust, dirt, and moisture. Use a dry cloth for cleaning. Do not immerse in water.
- **Storage:** Store the adapter in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

### Issue: Circuit Breaker Trips

**Cause:** The most common cause for a circuit breaker to trip is an overload, meaning the total current drawn by the connected appliances exceeds the 20-amp rating of the individual outlets.

**Solution:**

- 1. **Identify Overload:** Determine which appliance or combination of appliances caused the overload.
- 2. **Disconnect Appliance:** Unplug the appliance(s) that caused the trip.
- 3. **Reduce Load:** If multiple appliances were connected, consider reducing the number of high-power devices used simultaneously on that specific outlet.
- 4. **Reset Breaker:** Once the load is reduced and the cause is addressed, press the red reset button on the adapter to restore power.

If the circuit breaker continues to trip after reducing the load and resetting, inspect the adapter and connected appliances for any faults or damage. Discontinue use if issues persist and contact support.

**7. SPECIFICATIONS**

| Attribute         | Value               |
|-------------------|---------------------|
| Brand             | DRELD               |
| Model Number      | 14-50p to 5-20R/15R |
| Plug Format       | NEMA 14-50P         |
| Output Sockets    | 4 x NEMA 5-20R/15R  |
| Voltage (Input)   | 125/250V AC (Max)   |
| Voltage (Output)  | 125V AC             |
| Amperage (Input)  | 50 Amp              |
| Amperage (Output) | 20 Amp (per outlet) |
| Wattage           | 3750 Watts          |
| Wire Length       | 1.5 feet            |
| Item Weight       | 1.76 pounds         |
| Color             | Orange              |

**8. WARRANTY AND SUPPORT**

The DRELD 50 Amp to 20 Amp RV Distribution Adapter comes with a**One-year Warranty** from the date of purchase.

If the product experiences a failure within the warranty period, please contact DRELD customer support for assistance. You may be eligible for a replacement or refund.

For support inquiries, please refer to the contact information provided with your purchase or visit the official DRELD store on Amazon: [DRELD Amazon Store](#).