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› SURAIIELEC 12 Gauge Retractable Extension Cord Reel (Model DL-620) User Manual

## SURAIIELEC DL-620

# SURAIIELEC 12 Gauge Retractable Extension Cord Reel (Model DL-620) User Manual

Model: DL-620

## IMPORTANT SAFETY INFORMATION

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Read all instructions carefully before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **UL Listed:** This product is UL Listed, ensuring it meets recognized safety standards.
- **Indoor/Dry Location Use:** Designed for indoor or dry-location use only. Do not expose to rain or wet conditions.
- **Grounding:** Always connect to a properly grounded outlet. Do not remove the grounding prong.
- **Overload Protection:** Equipped with a 15 Amp circuit breaker. If the circuit breaker trips, disconnect the overloaded devices, then press the reset button to restore power. Do not bypass or disable the circuit breaker.
- **Cord Inspection:** Regularly inspect the cord for damage. Do not use if the cord is cut, frayed, or damaged.
- **Uncoil Completely:** When using the cord, pull out the necessary length to avoid overheating.
- **Children and Pets:** Keep out of reach of children and pets.
- **Power Rating:** Do not exceed the maximum power rating of 15A/1875W.

## PACKAGE CONTENTS

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Verify that all items are present and undamaged upon unpacking.

- SURAIIELEC Retractable Extension Cord Reel (45 ft, 12 AWG/3C SJTOW)
- Mounting Bracket
- Mounting Hardware (screws, anchors)

## PRODUCT FEATURES

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- **Cord Length:** 45 feet retractable power cord.
- **Lead-in Cord:** 4.5 feet lead-in cord.
- **Gauge:** 12 AWG/3C SJTOW heavy-duty cord.
- **Outlets:** 3-outlet triple tap with power indicator light.
- **Circuit Breaker:** Integrated 15 Amp circuit breaker for overload protection.
- **Retraction System:** Smooth auto-retractable rewind system with adjustable stopper.
- **Mounting:** 180° swivel ceiling/wall mounting bracket.
- **Durability:** Flame-retardant, tangle-free, abrasion-resistant, and resistant to water, oil, UV light, ozone, alkaline, and acid.
- **Material:** Sturdy polypropylene case.

**45 FT Durable and Flexible 12 Gauge Cord**

**UL LISTED**

**S**  
Standard Junior  
(300 VAC)

**J**

**T**  
Vinyl  
Thermoplastic

**O**  
Oil  
Resistant

**W**  
Weather  
Resistant

Image: The SURAIELEC 12 Gauge Retractable Extension Cord Reel, showing its blue cord and black housing, mounted on a wall in a workshop setting. The image highlights the 45 ft durable and flexible 12 gauge cord and UL listing.

## SETUP AND INSTALLATION

This retractable cord reel can be mounted on a ceiling or wall. Ensure the mounting surface is structurally sound to support the weight of the reel and the forces applied during cord extension and retraction.

## Mounting Location Selection

- Choose a location that allows for the full 180-degree swivel range without obstruction.
- Ensure the mounting point is near a power outlet for the 4.5 ft lead-in cord.
- For ceiling mounting, attach to a ceiling joist or a secure structural beam.
- For wall mounting, attach to wall studs or use appropriate heavy-duty anchors for your wall type.

## Installation Steps

1. **Position the Mounting Bracket:** Hold the mounting bracket against the desired ceiling or wall location. Mark the positions for drilling.
2. **Drill Pilot Holes:** Drill pilot holes appropriate for the provided mounting hardware.
3. **Secure the Bracket:** Attach the mounting bracket securely to the surface using the provided screws and anchors. Ensure it is firmly fixed.
4. **Attach the Cord Reel:** Slide the cord reel onto the mounting bracket. The reel should click into place or be secured with a pin/screw if provided (refer to specific hardware instructions).
5. **Connect Power:** Plug the 4.5 ft lead-in cord into a grounded power outlet.



Image: A diagram illustrating how the cord reel can be mounted on a ceiling (with and without a bracket) and on a wall, demonstrating the 180-degree swivel capability. The mounting hardware is also shown.



Image: A visual representation of the cord reel mounted on a wall, highlighting its 180-degree swivel feature for flexible use in various

directions.

## OPERATING INSTRUCTIONS

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### Extending the Cord

- Grasp the triple tap end of the cord and pull it slowly to the desired length.
- The cord will lock at various intervals. Listen for clicks as you pull.
- Once the desired length is reached, stop pulling. The cord will lock in place.
- Plug your tools or appliances into the triple tap outlets. The outlets are lighted to indicate power.



Image: A close-up view of the lighted triple outlets, showing the illumination when power is supplied, allowing multiple tools or appliances to be powered simultaneously.

### Retracting the Cord

- To retract the cord, pull it out slightly further until the locking mechanism disengages.
- Slowly guide the cord back into the reel. Do not release the cord abruptly, as this can cause damage or injury.

- Ensure the cord retracts smoothly and without tangles.

## Smooth Auto Retractable



Stop to lock the cord at any length when hearing clicks



Automatic rewind by pulling out and guiding cord back slowly



Image: A diagram showing the smooth auto-retractable rewind system. It illustrates how to stop and lock the cord at any length and how to initiate automatic rewind by pulling out slightly and guiding the cord back slowly. An adjustable stopper is also visible.

### Adjusting the Stopper

- The adjustable stopper allows you to customize the length of the cord that remains extended when fully retracted.
- To adjust, loosen the screws on the stopper, slide it to the desired position on the cord, and then tighten the screws firmly.



Image: A close-up view of the adjustable stopper on the extension cord, demonstrating its position and function in controlling the cord's retraction length.

## MAINTENANCE

- **Regular Inspection:** Periodically inspect the entire cord for any signs of damage, cuts, or fraying. Check the plug and

outlets for wear.

- **Cleaning:** Wipe the cord and reel housing with a dry or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is unplugged before cleaning.
- **Storage:** When not in use, ensure the cord is fully retracted and stored in a dry, protected area.
- **Circuit Breaker Test:** Occasionally test the circuit breaker by intentionally overloading it with a low-power device (e.g., a small lamp) and observing if it trips. Reset it afterward.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
No power to outlets.	Circuit breaker tripped. Lead-in cord unplugged. Wall outlet has no power.	Press the reset button on the circuit breaker. Reduce load if it trips again. Ensure the lead-in cord is securely plugged into a live outlet. Test the wall outlet with another device. Check your home's main circuit breaker.
Cord does not retract smoothly.	Cord is tangled or obstructed. Retraction mechanism issue.	Gently pull the cord out completely, then guide it back slowly and evenly. If the issue persists, contact customer support.
Cord does not lock at desired length.	Locking mechanism not engaging.	Pull the cord out slightly further until you hear a click, then release. If it still doesn't lock, pull it out completely and retract it slowly.

# Precision Craftsmanship

Hard Impact Polypropylene Case



**Durable and Flexible SJTOW Cord**



**Circuit Breaker**

Image: A close-up view of the circuit breaker reset button located on the side of the cord reel, essential for restoring power after an overload.

## SPECIFICATIONS

Feature	Detail
Model Number	DL-620
Cord Length	45 Feet (540 Inches)
Lead-in Cord Length	4.5 Feet
Wire Gauge	12 AWG/3C SJTOW
Input Current	15 Amps
Voltage	125 Volts (AC)

Feature	Detail
Wattage	1875 Watts
Number of Outlets	3 (Triple Tap)
Circuit Breaker	15 Amp
Plug Type	Type B (3-prong grounded)
Case Material	Polypropylene
Certifications	UL Listed
Color	Blue

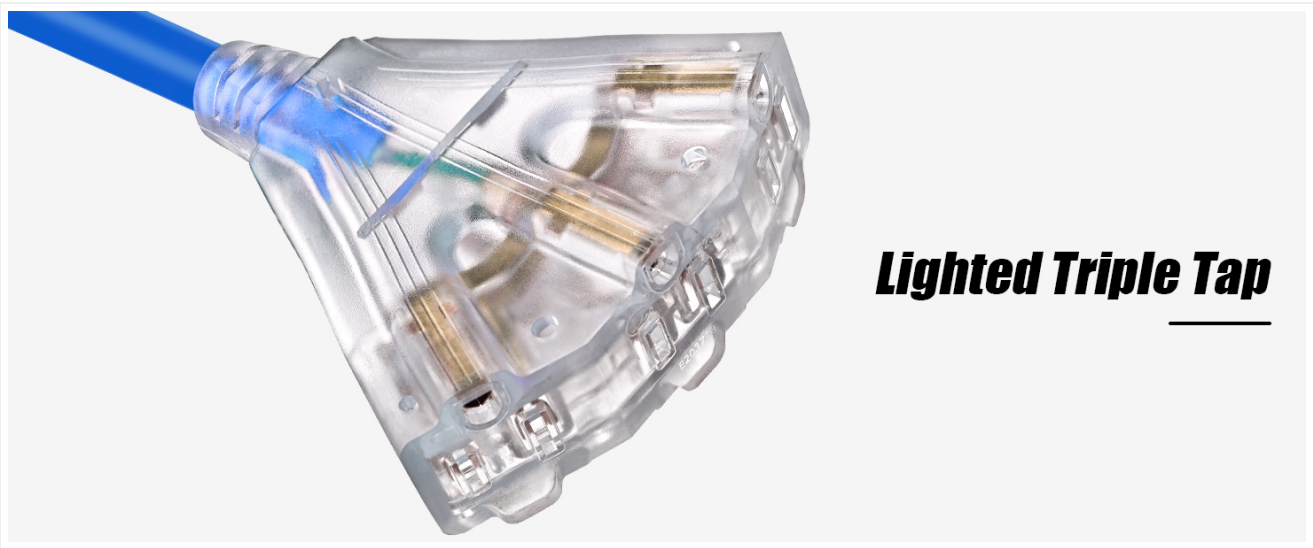


Image: A detailed image showing the dimensions of the SURAIIELEC 12 Gauge Retractable Cord Reel, including its length, width, and height, along with callouts for the circuit breaker, lighted triple outlet, and lead-in cord.

## WARRANTY AND SUPPORT

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SURAIIELEC products are designed for reliability and performance. For warranty information or technical support, please refer to the contact information provided with your purchase or visit the official SURAIIELEC website.

Please retain your proof of purchase for warranty claims.