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VEVOR 20FT 50A Generator Extension Cord

VEVOR 20 FT 50 Amp Generator Extension Cord User Manual

Model: 20FT 50A Generator Extension Cord

Introduction

This manual provides essential information for the safe and effective use of your VEVOR 20 FT 50 Amp Generator Extension Cord. Please read all instructions carefully before use and retain this manual for future reference.
The VEVOR 20 FT 50 Amp Generator Extension Cord is designed for connecting a generator to a power inlet box, RV, or other compatible 50 Amp applications. It features NEMA N14-50P and SS2-50R (CS6364 compatible) twist-lock connectors, ensuring a secure and reliable power connection.

Safety Instructions

WARNING: Failure to follow these safety instructions may result in fire, electric shock, serious injury, or death.

- Always inspect the cord for damage before each use. Do not use if the insulation is cut, frayed, or if the plugs are damaged.
- Ensure all connections are clean, dry, and fully seated before applying power.
- Only use this extension cord with generators and appliances that match its voltage and amperage ratings (50 Amps, 125/250 Volts). Do not exceed the maximum wattage of 12,500 Watts.
- Never remove the ground pin from the plug. This cord is designed for grounded applications.
- Keep children and pets away from the generator and all electrical connections.
- Do not immerse the cord or connectors in water.
- Avoid running the cord through doorways or windows where it can be pinched or damaged.
- Do not cover the cord with rugs, carpeting, or other materials that could prevent heat dissipation.
- Always unplug the cord from the power source before disconnecting from the load.
- Store the cord in a dry location when not in use.

Product Overview

The VEVOR 20 FT 50 Amp Generator Extension Cord is constructed with high-quality materials for durability and performance.

Key Features:

- **Length:** 20 feet (6.10 meters) for extended reach.
- **Amperage:** 50 Amp capacity.
- **Voltage:** 125/250 Volts.
- **Wire Gauge:** STW 6AWG/3C + 8AWG/1C (3 wires at 6 AWG, 1 wire at 8 AWG) 100% copper conductors.
- **Connectors:** NEMA N14-50P male plug and SS2-50R (CS6364 compatible) female twist-lock connector.
- **Construction:** Heavy-duty, flexible STW jacket for indoor and outdoor use in various weather conditions.
- **Twist-Lock Design:** Ensures a secure connection, preventing accidental disconnections due to movement or environmental factors.
- **Ergonomic Grip:** The N14-50P plug features an ergonomic finger grip for easy plugging and unplugging.
- **Storage Strap:** Includes a plastic strap for neat storage and organization.

Components:

- **NEMA N14-50P Plug:** The male plug connects to your generator's 50 Amp outlet.
- **SS2-50R (CS6364) Receptacle:** The female twist-lock connector connects to your power inlet box or RV.
- **STW Cable:** The main cable body, designed for severe service, thermoplastic, weather-resistant.
- **Storage Strap:** For coiling and securing the cord when not in use.

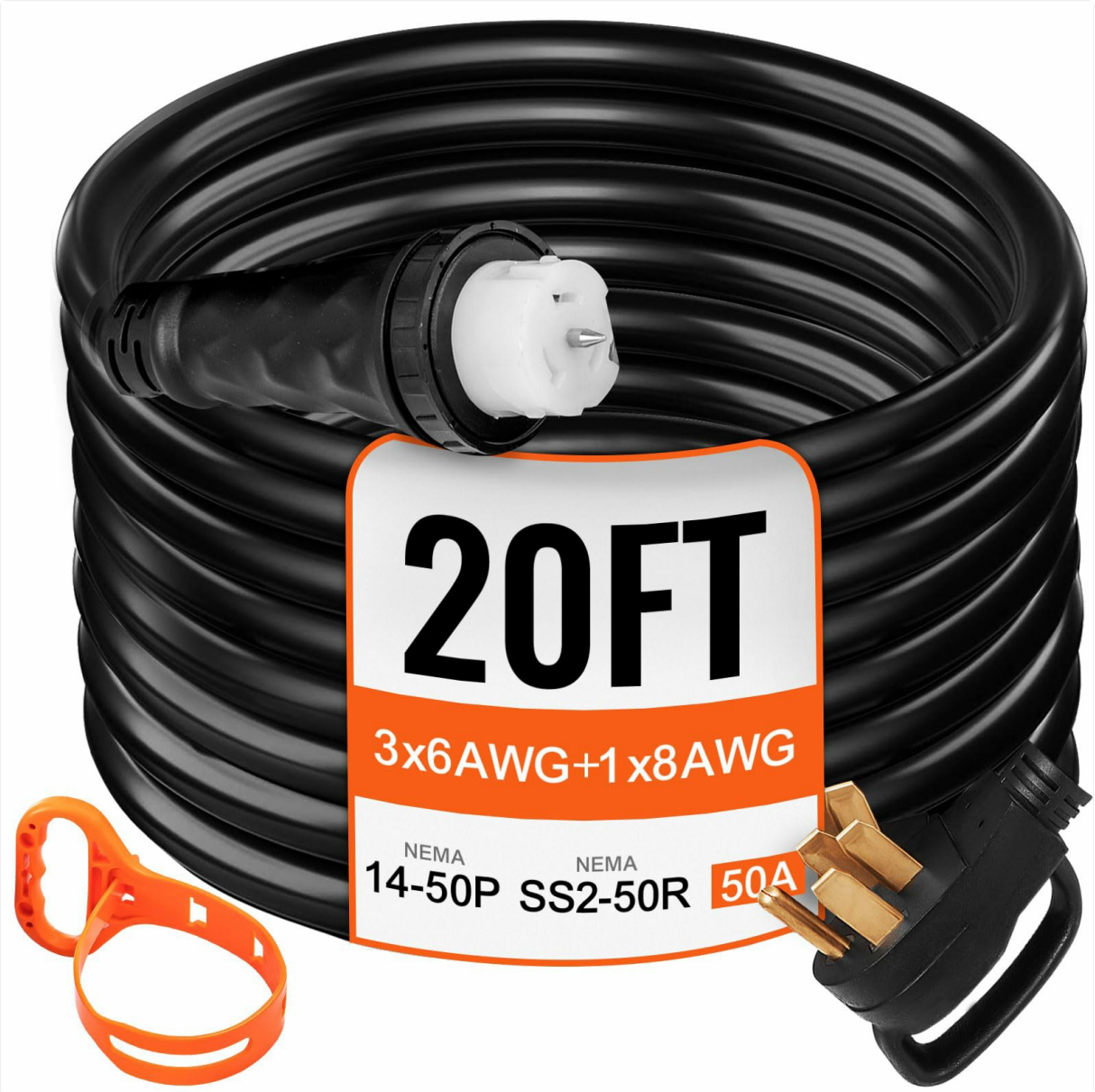

Image: The VEVOR 20 FT 50 Amp Generator Extension Cord, coiled, showing both the NEMA N14-50P male plug and the SS2-50R female twist-lock connector.

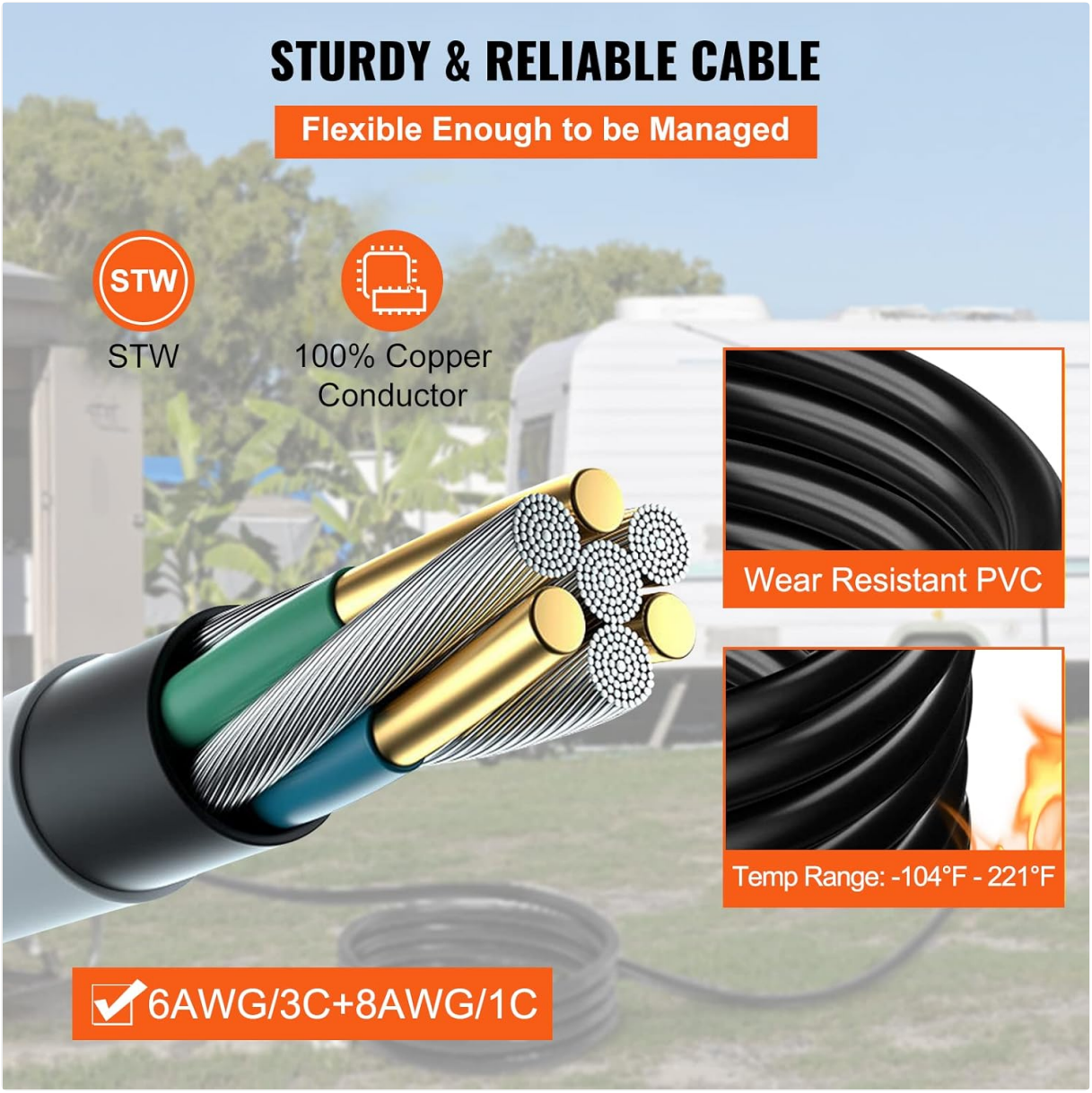

Image: A detailed cross-section of the generator cord, highlighting its STW rating, 100% copper conductors (6AWG/3C + 8AWG/1C), wear-resistant PVC jacket, and operational temperature range of -104°F to 221°F.

Specifications

Feature	Specification
Configuration	N14-50P / SS2-50R (CS6364 compatible)
Rating	50 Amps, 125/250 Volts
Cord Type	STW 6AWG/3C + 8AWG/1C (100% copper)
Length	20 Feet (6.10 Meters)
Maximum Wattage	12,500 Watts
Temperature Range	-104°F to 221°F (-75°C to 105°C)
IP Rating	IP44 (Protection against solid objects over 1mm and splashing water from any direction)

Feature	Specification
Color	Black
Item Weight	Approximately 15.87 pounds
Product Dimensions	14.17 x 14.17 x 5.12 inches (packaged)

Setup

Follow these steps to properly set up your generator extension cord:

1. **Inspect the Cord:** Before each use, visually inspect the entire length of the cord, both plugs, and the female connector for any signs of damage, cuts, or wear. Ensure the pins are straight and clean.
2. **Position the Generator:** Place your generator in a well-ventilated area, away from windows, doors, and vents, to prevent carbon monoxide poisoning. Ensure it is on a level, dry surface.
3. **Connect to Generator:** Insert the NEMA N14-50P male plug into the corresponding 50 Amp outlet on your generator. Ensure it is fully seated.
4. **Connect to Load:** Insert the SS2-50R (CS6364 compatible) female twist-lock connector into your power inlet box, RV, or other compatible 50 Amp receptacle. Twist the connector clockwise until it locks securely into place. This twist-lock mechanism is crucial for a firm, weather-resistant connection.

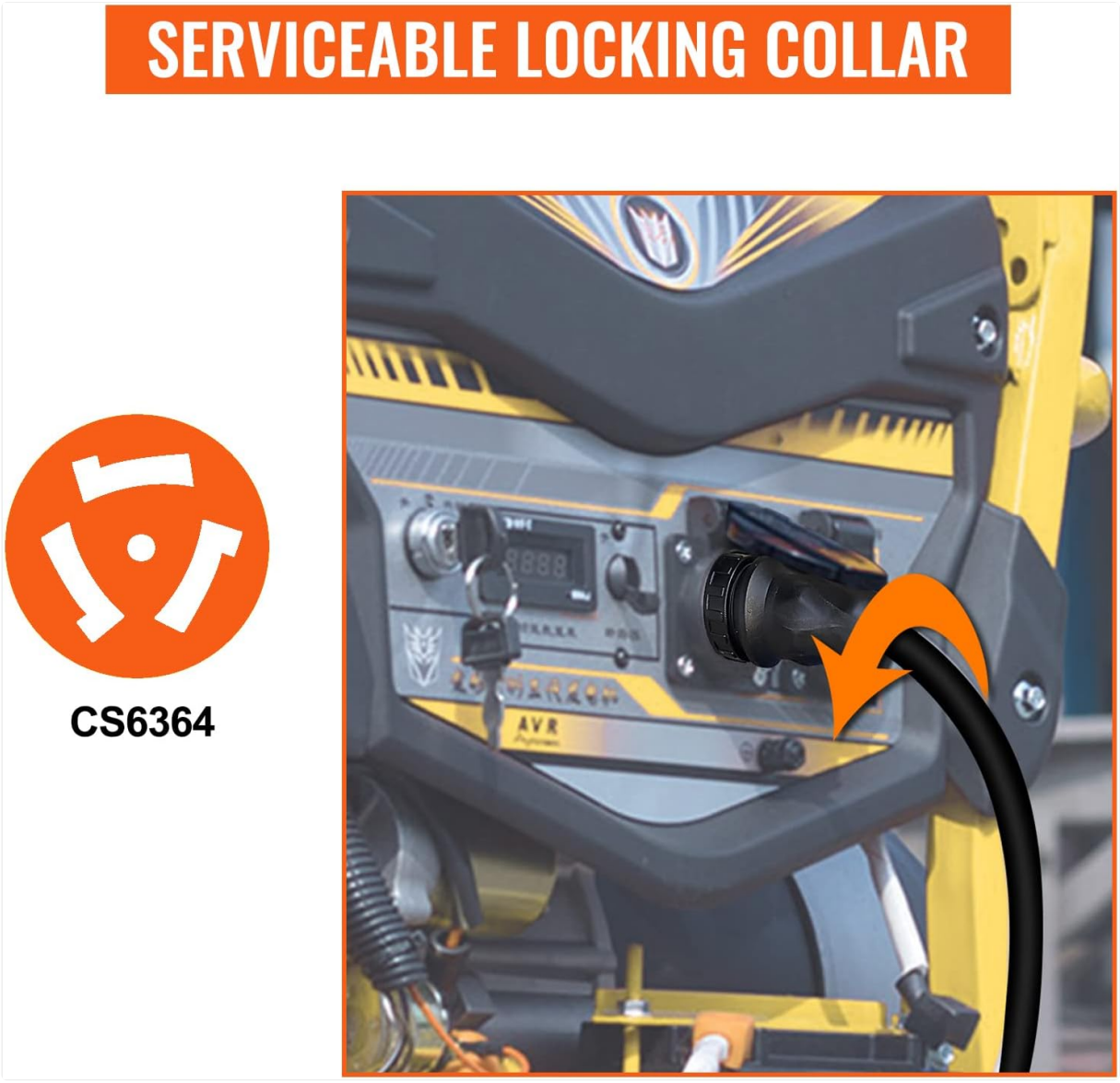

Image: A close-up view demonstrating how to connect the SS2-50R (CS6364) female twist-lock connector to a generator's power outlet, showing the twisting motion for a secure lock.

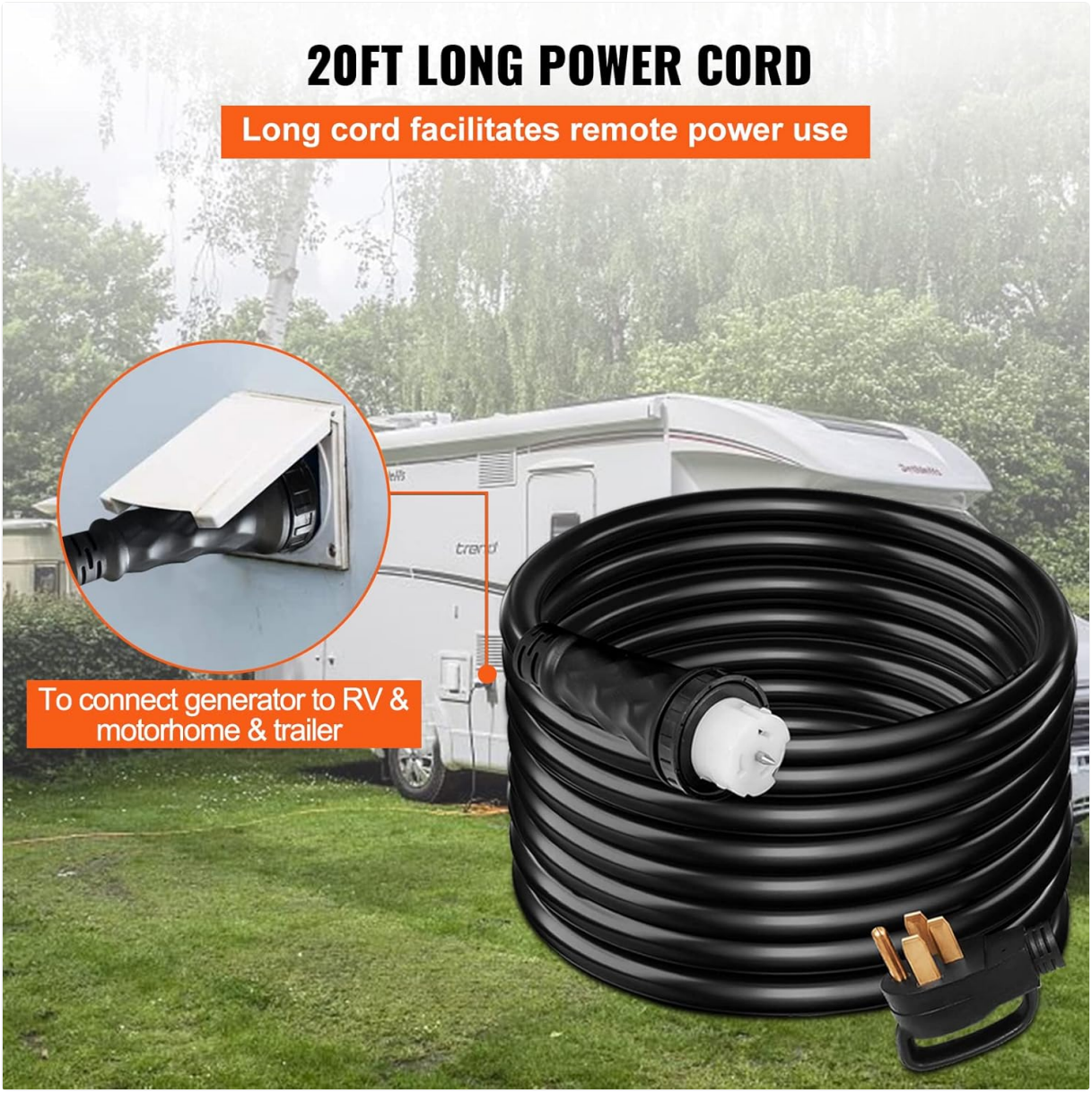

Image: The 20-foot generator extension cord laid out, connecting a generator to a power inlet on an RV or motorhome, illustrating remote power use.

Operating

Once the cord is securely connected, you can operate your generator and connected appliances.

1. **Start Generator:** Follow your generator's manufacturer instructions to start it safely.
2. **Apply Power:** Once the generator is running stably, switch on the appropriate breakers on your generator and/or power inlet box to supply power to your connected load.
3. **Monitor Connections:** Periodically check the cord and connections for any signs of overheating (e.g., hot to the touch, melting plastic, burning smell). If any issues are detected, immediately shut down the generator and disconnect the cord.
4. **Disconnecting:** To disconnect, first turn off the load and then the generator. Unplug the cord from the generator and then unlock and unplug the female connector from the load. Use the ergonomic grip on the N14-50P plug for easier handling.

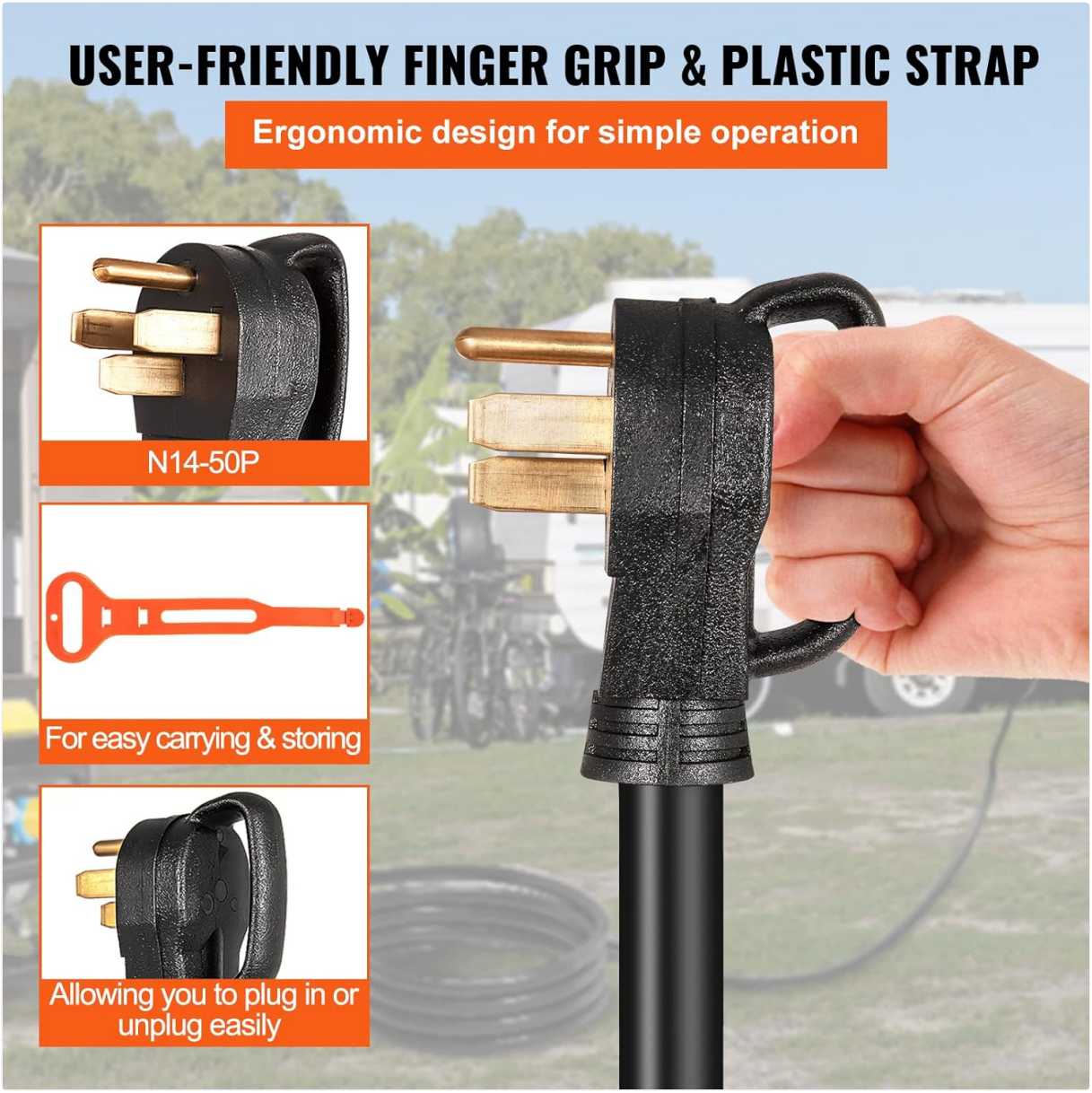

Image: A close-up of the NEMA N14-50P male plug, highlighting its ergonomic finger grip designed for easy and safe plugging and unplugging. The included plastic storage strap is also shown.

Maintenance

Proper maintenance will extend the life of your extension cord.

- **Cleaning:** Clean the cord and connectors with a dry cloth. Do not use harsh chemicals or abrasive cleaners. Ensure connectors are free of dirt, dust, and moisture.
- **Storage:** When not in use, coil the cord neatly. Use the provided storage strap to keep it organized and prevent tangling. Store the cord in a cool, dry place, away from direct sunlight, extreme temperatures, and corrosive materials.
- **Avoid Kinks:** Do not bend or kink the cord sharply, as this can damage the internal conductors.
- **Regular Inspection:** Periodically inspect the cord for any signs of wear, cracking, or damage to the insulation or connectors. Replace the cord if any damage is found.

Troubleshooting

If you encounter issues with your generator extension cord, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to connected device.	• Generator not running or off. • Breaker tripped on generator or power inlet box. • Loose connection. • Damaged cord.	• Ensure generator is running and producing power. • Check and reset breakers. • Verify all connections are secure and twist-locked. • Inspect cord for damage; replace if necessary.
Cord or connectors feel hot.	• Overload. • Loose connection. • Damaged cord.	• Immediately disconnect power. Reduce load on the generator. • Ensure connections are tight. • Inspect cord for damage; replace if necessary.
Plug does not fit into receptacle.	• Incorrect plug/receptacle type. • Obstruction in receptacle.	• Verify that the NEMA N14-50P plug and SS2-50R (CS6364) connector match your generator and power inlet. • Check for debris or damage inside the receptacle.
Twist-lock connection is not secure.	• Not twisted fully. • Damaged locking mechanism.	• Ensure the connector is fully inserted and twisted clockwise until it locks. • Inspect the locking ring and receptacle for damage.

Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official VEVOR website. Keep your purchase receipt as proof of purchase for any warranty claims.
You can also visit the VEVOR Store on Amazon for additional product information and support resources.

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