

Generac 7668

Generac 7668 120V Parallel Cable Kit User Manual

Model: 7668

1. PRODUCT OVERVIEW

The Generac 7668 120V Parallel Cable Kit is designed to enhance the power output of compatible Generac inverter generators. This kit allows you to connect two Generac iQ3500 or GP3000i inverter generators, effectively doubling their combined power capacity to meet higher electrical demands.

This cable kit provides a versatile power solution for various applications, including camping, tailgating, or as a backup power source for your home. It features both 30 Amp and 50 Amp 120V receptacles, offering flexibility for connecting a wide range of devices and appliances.



Image 1.1: The Generac 7668 Parallel Cable Kit, showing its main unit with 30A and 50A receptacles and the connecting cables.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating this product. Failure to follow these instructions may result in electric shock, fire, serious injury, or death.

- **Electrical Hazard:** Ensure all connections are secure and dry before operating. Do not operate in wet conditions.
- **Generator Safety:** Refer to your generator's owner's manual for specific safety guidelines, including proper ventilation and carbon monoxide prevention.
- **Overload Protection:** The parallel kit includes circuit breakers (30A and 50A) to protect against overloads. Do not bypass or modify these.
- **Grounding:** Always ensure proper grounding of the generators and the parallel kit as per local electrical codes.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Generac 7668 Parallel Cable Kit Unit
- Integrated 2-foot connecting cables with custom plug ends
- User Manual (this document)

4. SETUP INSTRUCTIONS

Follow these steps for easy installation and connection of your parallel kit:

1. **Position Generators:** Place your two compatible Generac iQ3500 or GP3000i inverter generators on a level, stable, and well-ventilated surface, ensuring they are at a safe distance from each other and any combustible materials.
2. **Ensure Generators are OFF:** Before making any connections, ensure both generators are turned OFF and their engines have cooled down.
3. **Connect Parallel Cables:** Locate the parallel ports on each generator. Insert the custom plug ends of the parallel cable kit into the corresponding ports on each generator. Ensure a firm and secure connection.
4. **Grounding (Optional but Recommended):** If desired, connect a grounding wire from the parallel kit's grounding lug to a suitable earth ground. Refer to local electrical codes for proper grounding procedures.
5. **Ready for Operation:** Once the cables are securely connected, the parallel kit is ready for use.



Image 4.1: Example of Generac portable generators compatible with the parallel kit.

5. OPERATING INSTRUCTIONS

After successful setup, follow these steps to operate your parallel generator system:

1. **Start Generators:** Start both generators according to their individual operating instructions. Allow them to run for a few moments to stabilize.
2. **Connect Appliances:** Once both generators are running stably, you can connect your desired appliances or power cords to the 30 Amp or 50 Amp 120V receptacles on the parallel cable kit.
3. **Monitor Load:** Pay attention to the total power draw to avoid overloading the combined capacity of your generators. The parallel kit allows for enhanced power capability, but exceeding the maximum combined wattage can trip circuit breakers or damage equipment.
4. **Powering a Home:** For home backup power, connect the parallel kit to your transfer switch or appropriate inlet box. Consult a qualified electrician for proper installation and connection to your home's electrical system.
5. **Shut Down:** To shut down, first disconnect all loads from the parallel kit. Then, turn off both generators according to their respective manuals. Once generators are off and cooled, you may disconnect the parallel cables.

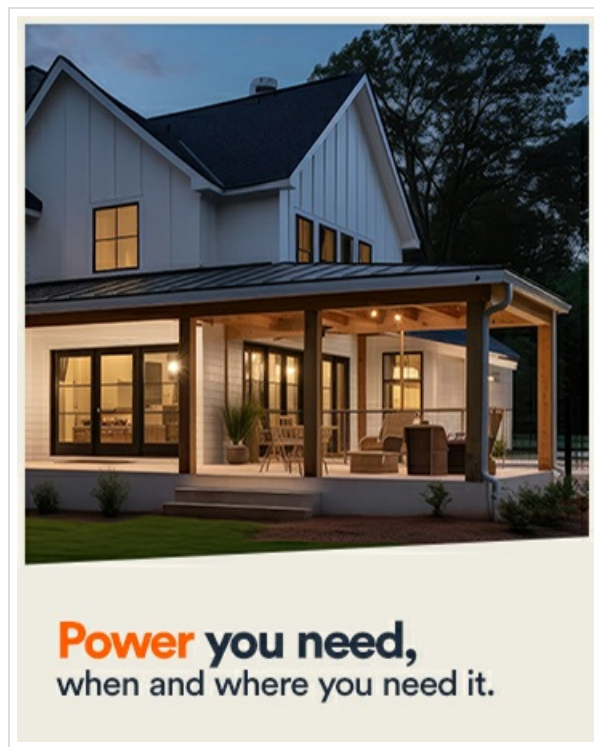


Image 5.1: The parallel kit enables sufficient power for home backup during outages.



Image 5.2: The parallel kit provides versatile power for outdoor activities like camping or tailgating.

6. MAINTENANCE

The Generac 7668 Parallel Cable Kit requires minimal maintenance. To ensure longevity and reliable performance:

- **Cleaning:** Keep the unit clean and free of dirt, dust, and debris. Use a dry cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the parallel kit in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Cable Inspection:** Periodically inspect the cables and connectors for any signs of wear, damage, or fraying. Do not use the kit if any part is damaged.
- **Receptacle Covers:** Ensure the receptacle covers are properly closed when not in use to protect against moisture

and debris.

7. TROUBLESHOOTING

If you encounter issues with your Generac 7668 Parallel Cable Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power output from parallel kit.	<ul style="list-style-type: none">Generators not running or not producing power.Circuit breaker tripped on parallel kit or generator.Loose cable connections.	<ul style="list-style-type: none">Ensure both generators are running correctly and producing power. Refer to generator manual.Check and reset the 30A or 50A circuit breakers on the parallel kit. Also check generator circuit breakers.Verify all parallel cable connections are secure.
Kit feels hot during operation.	Overload or insufficient ventilation.	Reduce the electrical load. Ensure the kit and generators are in a well-ventilated area. If overheating persists, disconnect and allow to cool.
Cables do not fit into generator ports.	Incompatible generator models.	Ensure your generators are Generac iQ3500 or GP3000i inverter models. This kit is specifically designed for these models.

If troubleshooting steps do not resolve the issue, contact Generac customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	7668
Compatibility	Generac iQ3500 and GP3000i Inverter Generators
Voltage	120V
Receptacles	1 x 30 Amp 120V, 1 x 50 Amp 120V
Cord Length	2 feet (approx. 0.6 meters)
Product Dimensions	11 x 9.4 x 5.9 inches (27.9 x 23.9 x 15 cm)
Item Weight	2 pounds (approx. 0.91 kg)
Manufacturer	Generac Power Systems, Inc





9. WARRANTY AND SUPPORT


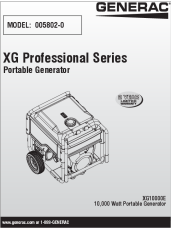
For warranty information and customer support, please refer to the official Generac website or contact Generac Power Systems, Inc. directly. Keep your purchase receipt for warranty claims.

Generac Customer Support:

- Visit the official Generac website for contact details and support resources.
- Refer to the documentation included with your Generac generators for additional support information.

Related Documents - 7668

	<p>Generac GP3000i Portable Generator Owner's Manual - Safety, Operation, and Maintenance Guide</p> <p>Comprehensive owner's manual for the Generac GP3000i Portable Generator, covering essential safety rules, operating procedures, maintenance schedules, and troubleshooting tips to ensure optimal performance and longevity.</p>
	<p>Generac iQ3500 Portable Generator Owner's Manual</p> <p>Official owner's manual for the Generac iQ3500 portable generator. Learn about safe operation, maintenance, troubleshooting, and specifications for your Generac generator.</p>
	<p>Generac GP3300i GP Series Inverter Generator: Features, Specifications, and Control Panel</p> <p>Explore the Generac GP3300i GP Series Inverter Generator, highlighting its advanced features like COsense® Technology and PowerRush™, detailed specifications, and control panel layout. Learn about its clean power output, portability, and parallel capabilities.</p>
	<p>Generac iQ3500 Portable Generator Owner's Manual - Safety, Operation, and Maintenance Guide</p> <p>Comprehensive owner's manual for the Generac iQ3500 portable generator, covering essential safety instructions, operating procedures, maintenance schedules, and troubleshooting tips for optimal performance and longevity.</p>

<div data-bbox="129 103 300 376"></div>	<div data-bbox="341 168 965 199">Generac GP2500i Portable Generator Owner's Manual</div> <div data-bbox="341 208 1422 320"><p>Comprehensive owner's manual for the Generac GP2500i Portable Generator, covering safety, operation, maintenance, and troubleshooting. Learn how to safely operate and maintain your generator for optimal performance.</p></div>
<div data-bbox="129 443 300 672"></div>	<div data-bbox="341 504 991 535">Generac XG10000E Portable Generator Owner's Manual</div> <div data-bbox="341 544 1401 616"><p>Comprehensive owner's manual for the Generac XG Professional Series XG10000E portable generator, covering safe operation, maintenance, troubleshooting, and warranty information.</p></div>