

Generac 70422

Generac Guardian 22kW Home Standby Generator User Manual

Model: 70422

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Generac Guardian 22kW Home Standby Generator. Please read this manual thoroughly before attempting to install, operate, or service the generator.



Image 1.1: Generac Guardian 22kW Home Standby Generator, showcasing its compact and durable design.

2. SAFETY INFORMATION

Always prioritize safety when working with the generator. Failure to follow safety instructions can result in serious injury or death.

- **Electrical Hazard:** Generators produce high voltage. Only qualified electricians should perform installation and major servicing.
- **Carbon Monoxide Hazard:** Never operate the generator indoors. Ensure adequate ventilation to prevent carbon monoxide poisoning.
- **Fire Hazard:** Store fuel in approved containers and away from ignition sources. Do not refuel while the generator is running or hot.
- **Moving Parts:** Keep hands, feet, and clothing away from moving parts during operation.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation. Allow components to cool before touching.

3. SETUP AND INSTALLATION

The Generac Guardian 22kW Home Standby Generator requires professional installation. Generac strongly recommends that your new Home Standby Generator be installed by a certified and licensed electrician to ensure proper and safe operation.

3.1. Site Selection

Choose a location that is level, well-ventilated, and compliant with local building codes and regulations. Ensure sufficient clearance around the unit for maintenance and airflow.

3.2. Fuel Connection

This generator operates on either Natural Gas or LP Gas. The fuel supply must be connected by a qualified professional according to all applicable codes.

3.3. Electrical Connection

The generator must be connected to your home's electrical system via an automatic transfer switch. This connection must be performed by a licensed electrician.



**Power outages are
unpredictable, inconvenient
and disruptive to your life.**



**No
lights**



**No
refrigeration**



**No heating
or air
conditioning**



**No
connectivity**

Image 3.1: Internal components of the Generac Guardian generator, highlighting the engine and electrical connections.

4. OPERATING INSTRUCTIONS

The Generac Guardian 22kW Home Standby Generator is designed for automatic operation, providing seamless power backup during utility outages.

4.1. Automatic Operation

Once installed and configured, the generator will automatically detect a power outage, start, and transfer power to your home. When utility power returns, it will automatically shut down and return to standby mode.

4.2. Quiet-Test Self-Test Mode

The generator features a Quiet-Test self-test mode, which runs at a lower RPM. This mode allows the generator to perform a weekly self-diagnostic test, ensuring readiness while minimizing noise and fuel consumption.

4.3. Mobile Link Wi-Fi Connectivity

Utilize the Mobile Link Wi-Fi connectivity to monitor your generator's status, maintenance alerts, and operational data from anywhere using a smartphone, tablet, or computer.

4.4. True Power Technology

The generator incorporates True Power Technology, delivering clean, stable power with less than 5% total harmonic distortion, safe for sensitive electronics.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and reliable performance of your Generac Guardian generator. Generac's G-Force Engine is designed for durability and reduced maintenance.

5.1. Routine Checks

- Check oil level regularly.
- Inspect air filter for cleanliness.
- Ensure the area around the generator is clear of debris.
- Verify the battery charge.

5.2. Scheduled Servicing

Refer to the detailed maintenance schedule in the full product manual for specific intervals for oil changes, spark plug replacement, and other service items. It is recommended to have scheduled maintenance performed by a Generac authorized service dealer.

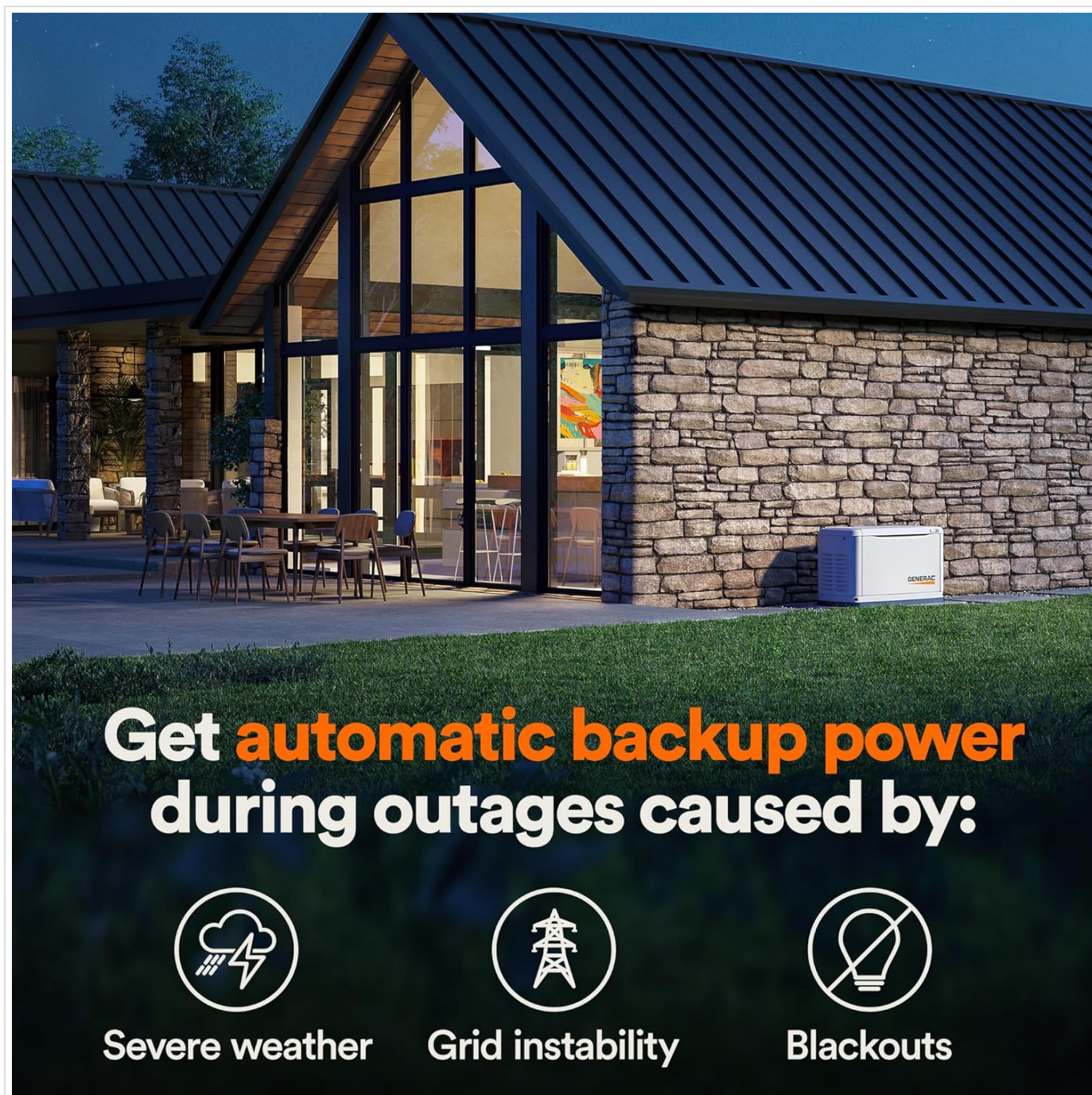


Image 5.1: Side internal view of the generator, showing components accessible for maintenance.

6. TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues. For complex problems, contact a qualified service technician.

Problem	Possible Cause	Solution
Generator does not start.	No fuel supply, low battery, fault code.	Check fuel level and connections. Verify battery charge. Check control panel for fault codes and consult manual.
Generator runs but no power output.	Circuit breaker tripped, transfer switch issue.	Check generator circuit breaker. Contact electrician to inspect transfer switch.
Unusual noise or vibration.	Loose components, engine issue.	Shut down generator immediately. Inspect for loose parts. Contact service technician.

7. SPECIFICATIONS

Feature	Detail
Brand	Generac
Wattage	22000 watts
Fuel Type	Natural Gas or LP Gas
Power Source	Natural Gas or LP Gas
Recommended Uses	Residential use
Item Weight	466 Pounds
Voltage	240 Volts (AC)
Output Wattage	22 Kilowatts
Special Features	Automatic Shut Down, Fully Enclosed Design, Super Quiet
Included Components	5 Year Limited Warranty

8. WARRANTY INFORMATION

The Generac Guardian 22kW Home Standby Generator is backed by a **5-Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use and service. For full details regarding warranty coverage, terms, and conditions, please refer to the warranty document included with your generator or visit the official Generac website.

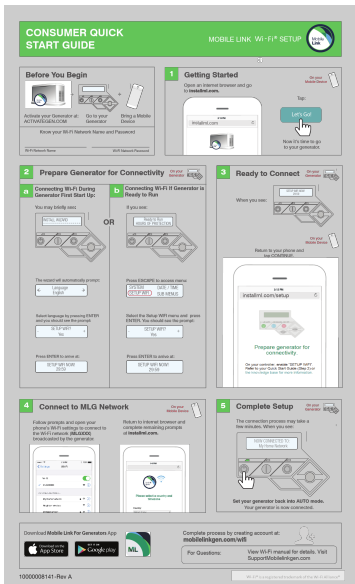
9. CUSTOMER SUPPORT

For technical assistance, service, or parts, please contact Generac Customer Support. It is recommended to have your generator's model and serial number available when contacting support.

Visit the [Generac Store on Amazon](#) for more product information and resources.

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This manual is for informational purposes only. Specifications are subject to change without notice.

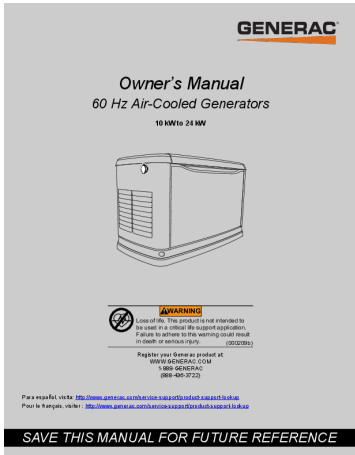


[pdf] Quick Start Guide Installation Guide Specifications Guide

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CONSUMER QUICK START GUIDE Before You Begin Activate your Generator at: Go to your **ACTIVATEGEN.COM** Generator Bring a Mobile Device Know your Wi-Fi Network Name and Password Wi-Fi Network Name Wi-Fi Network Password **MOBILE LINK Wi - Fi SETUP 3 1 Getting Started** Open an internet browse...

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[pdf] User Manual Owner's Manual Specifications Label

Owner s ManualsGenerac EGD 70422 RTSW400A3 Guardian Series 22 kW 120 240V Single Phase Air Cooled Multi Fuel Standby Generator with 400a Augenerac egd rtsw400a3 owners manualss1 img b build mediabase specifications generac 1999126 manuals |||

Owner s Manual 60 Hz Air-Cooled Generators 10 kW to 24 kW **WARNING** Loss of life. This product is not intended to be used in a critical life support application. Failure to adhere to this warning could result in death or serious injury. 000209b Register your Generac product at: **WWW.GENERAC.C...**

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MODEL NUMBERS:

Generac Air Cooled	Generac Liquid Cooled	Honeywell
7171	RG0222ANAX	7179
7172	RG02515ANAX	7229
7223	RG02724ANAX	7230
7224	RG03015ANAX	7231
7225	RG03224ANAX	7236
7226	RG03624ANAX	7265
7228	RG03824ANAX	7295
7042	RG04524ANAX	7213
7043	RG04854ANAX	7292
7209	RG04854ANAX	HG0222ANAX
7210	RG04854ANAX	HG02724ANAX
7290		HG02515ANAX
7291		HG02724ANAX
70422		HG03015ANAX
70432		HG03224ANAX
72101		HG03624ANAX

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MODEL NUMBERS: Generac Air Cooled 7171 7172 7223 7224 7225 7226 7228 7042 7043 7209 7210 7290 7291 **70422** 70432 72101 Generac Liquid Cooled RG02224ANAX RG02515ANAX RG02724ANAX RG03015ANAX RG03224ANAX RG03624ANAX RG03824ANAX RG04524ANAX RG04524ANAC RG04854ANAX RG04854ANAC Honeywell 7179 7229 7230 7...

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Generac / Honeywell Generators – National Promo (qualifying models)

General	Honeywell Generators
7042	7045
7043	7079
7171	7213
7172	7209
7209	7230
7210	7231
7223	7235
7224	7236
7225	7292
7226	7312
7228	
7290	
7291	
70422	
70432	
72101	

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Promo 23 Model Numbers generac GeneracCorporate media Library content promotions |||

Generac / Honeywell Generators National Promo qualifying models Generac 7042

7043 7171 7172 7209 7210 7223 7224 7225 7226 7228 7290 7291 **70422** 70432

72101 Honeywell Generators 7065 7179 7213 7229 7230 7231 7235 7236 7292 7312

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[\[pdf\]](#) Warrant

Ultimate Peace of Mind With a Generac Home Standby Generator Lowes Promotion Warranty lowes |||


Ultimate Peace of Mind With a Generac Home Standby Generator This is an online

only redemption proc ... cial promotion are the following models: 7171, 7172, 7209,

7223, 7224, 7225, 7226 7228, 7290, 7291, **70422**, 70432 and 72101. Refurbished

products are excluded from this promotion. Redemption informatio...

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Service Levels

More Choices. Multiple Service Levels.

Choose the right solution for your needs.

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Mobile Link™™ Service Levels More Choices. Multiple Service levels.

Choose the right solution for your needs Mobile Link remote monitoring lets you get and share information about your home standby generator no matter where you are, using your computer, smart phone, or mobile device. Vi...

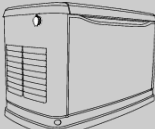
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GENERAC®

Installation Guidelines

60 Hz Air-Cooled Generators

10 kW to 25 kW



WARNING
Do not connect this product to the electrical system to be used as a source of the support electrical system without a safety professional's approval. Consult with a local electrician or electrician's union.

Register your Generac product at:
www.generac.com
1-888-GENERAC
(888-436-3722)

Para más información, visite: <http://www.generac.com/fr-es/soporte-técnico/soporte-técnico>
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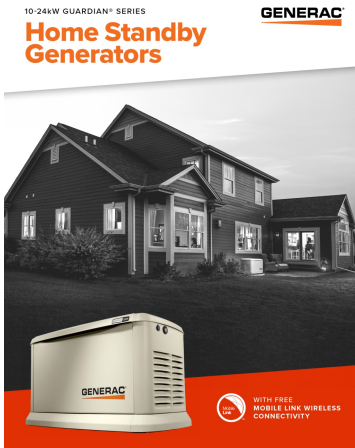
Installation Guidelines 60 Hz Air-Cooled Generators 10 kW to 26 kW WARNING Loss

of life. This product is not intended to be used in a critical life support application.

Failure to adhere to this warning could result in death or serious injury. 000209b

Register your Generac product at: WWW.GENERAC.COM

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Multi Fuel Standby Generator with 400a Augenerac egd rtsw400a3 brochures1 img b build mediabase

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standby generator brand Generac s Guardian Series generators provide the automatic backup power you need to protect your

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WIRELESS CONNECTIVITY Choose the #1 selling home standby generator brand

Generac s Guardian Series generators provide the automatic backup power you need

to protect your home and family during a power outage. Connected to your e...

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generac guardian 52bf235e81c952c8fab79efbe0496448 electricgeneratorsdirect manuals Spec Sheet

Generac Guardian EGD 70391KIT ® 20kW Standby Generator System 200A Service Disconnect AC

Shedding w Wi Fi 3 Inch GenPad™ Battery 7210 KIT QP 24kW Disc QwikHurricane® Pad ecomfort

powerequipmentdirect Guardian® 7042 22kW Aluminum Home 70422 70432KIT QT8200 acwholesalers

RTSW400A3 400A |||

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