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Powerhorse 6075716

Powerhorse Portable Dual Fuel Generator (4500 Watts) - Instruction Manual

Model: 6075716

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1. PRODUCT OVERVIEW

This manual provides essential instructions for the safe and efficient operation and maintenance of your Powerhorse Portable Dual Fuel Generator, 4500 Watts (Model: 6075716). This generator is designed to provide reliable power using either gasoline or liquefied petroleum gas (LPG).



Figure 1: Powerhorse Portable Dual Fuel Generator, 4500 Watts.

2. IMPORTANT SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in serious injury, death, or property damage.

- Always operate the generator outdoors in a well-ventilated area, far from windows, doors, and vents, to prevent carbon monoxide poisoning.
- Ensure the generator is properly grounded before operation.
- Keep children and pets away from the generator during operation.
- Do not refuel the generator while it is running or hot. Allow it to cool down before adding fuel.
- Store fuel in approved containers in a well-ventilated area, away from ignition sources.
- Read the entire operator manual thoroughly before initial use.

3. KEY FEATURES

- Equipped with CO detection and indicator light for excessive emission warning.
- Dual fuel technology allows the generator to switch between gasoline and propane without the unit shutting down.
- 212cc engine with durable cast iron cylinder sleeve.
- Automatic voltage regulator with multimeter ensures consistent, reliable power.
- Full-featured control panel displays run time, voltage and frequency.

4. SETUP

4.1. Unpacking and Assembly

The generator comes partially assembled. You will need to attach the wheels and the handle bar. Refer to the detailed instructions in your full operator manual for specific assembly steps.



Figure 2: Generator with wheels and handle attached for portability.

4.2. Adding Engine Oil

Before first use, add the recommended amount of 10W-30 oil to the engine. The oil fill cap is typically yellow and marked with an 'L'. Use the dipstick to ensure the oil level is correct, filling to the bottom lip as indicated by the diagram on the unit.



Figure 3: Engine close-up showing the oil fill cap and 'Fill to Bottom Lip' instruction.

4.3. Fueling the Generator

This generator supports dual fuel operation: gasoline or propane (LPG).

- **Gasoline:** Open the fuel cap on top of the unit and carefully pour gasoline into the tank. The tank capacity is 10 gallons.
- **Propane (LPG):** Connect a propane tank to the generator using the provided propane regulator and hose. Ensure all connections are secure.

IMPORTANT: Never mix gasoline and propane. Always select the desired fuel type using the fuel selector switch on the control panel before starting.

5. OPERATION

5.1. Control Panel Overview

The control panel features a multimeter, fuel selector, main circuit breakers, various AC outlets (120V/240V 50A, 120V/240V 30A, 120V 30A, 120V 20A GFCI), DC outlets, a low oil warning light, and a carbon monoxide auto-shutoff indicator.



Figure 4: Detailed view of the generator's control panel.

5.2. Starting the Generator

1. Ensure the generator is on a level surface and all electrical loads are disconnected.
2. Select your desired fuel type (LPG or Gas) using the fuel selector switch.
3. Turn the engine switch to the 'ON' position.
4. Apply choke if starting a cold engine.
5. Insert the key into the ignition and turn it to the 'START' position. Release once the engine starts.
6. Once the engine is running, gradually move the choke lever to the 'RUN' position.

Note: The generator is quite loud, operating at approximately 97 decibels. Position it at a safe distance from your home.

5.3. Connecting to a Load

To connect the generator to your home's electrical system, a licensed electrician must install a transfer switch. This ensures safe operation and prevents backfeeding electricity into the utility grid.

Use a heavy-duty 50-amp power cord (sold separately) to connect the generator to the transfer switch inlet box. The power cord features a twist-lock mechanism for secure connection.

Video 1: Demonstrates the process of reviewing and starting a Powerhorse generator, including fuel and oil checks, and the key start mechanism.

Video 2: Shows a 50-foot, 50-amp generator power cord with a twist-lock feature, essential for connecting the generator to a transfer switch.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your generator. Always refer to the full operator manual for a detailed maintenance schedule.

- **Oil Changes:** Change engine oil after the first 20 hours of operation, then every 50-100 hours or annually.
- **Air Filter:** Clean or replace the air filter regularly, especially in dusty conditions.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if worn.
- **Fuel System:** Drain the fuel system if storing the generator for an extended period to prevent fuel degradation. For propane, ensure the tank is disconnected.

Video 3: Review of a waterproof generator cover, demonstrating features like clear windows for control panel access and zippered sides for exhaust, useful for protecting your generator during use or storage.

7. TROUBLESHOOTING

If your generator encounters issues, consult the troubleshooting section of your full operator manual. Common issues and their potential solutions include:

- **Engine won't start:** Check fuel level, oil level, spark plug, and choke setting.
- **No power output:** Check circuit breakers on the control panel and ensure all connections are secure.
- **Low oil warning light:** Add engine oil to the recommended level.
- **Carbon monoxide auto-shutoff:** Move the generator to a better-ventilated area.

8. SPECIFICATIONS

Feature	Detail
Brand	Powerhorse
Model Name	Generator
Item Model Number	6075716
Wattage	4500 watts
Starting Wattage	4500 Watts
Running Wattage	3600 Watts
Fuel Type	Gasoline, Liquefied Petroleum Gas
Power Source	Fuel Powered
Engine Type	Internal Combustion Engine
Engine Displacement	212 Cubic Centimeters
Ignition System Type	recoil start
Recommended Uses	Residential
Item Weight	125 Pounds
Product Dimensions	23.2" L x 18.3" W x 18.8" H
Material	Cast Iron
Total Power Outlets	2
Special Feature	Super Quiet

Feature	Detail
Included Components	(1) Generator (1) Propane regulator and hose
UPC	840321764058

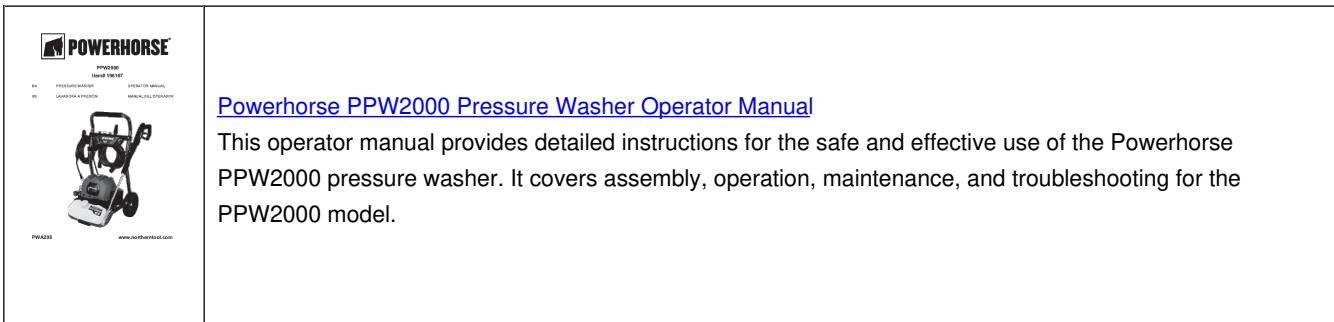
9. WARRANTY AND SUPPORT

This Powerhorse generator comes with a **2-year limited warranty**. For warranty claims, technical support, or to order replacement parts, please refer to the contact information provided in your original purchase documentation or visit the official Powerhorse website.

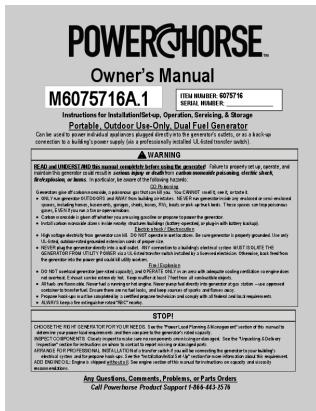
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Related Documents - 6075716

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 <p>POWERHORSE M6075687A.1 Owner's Manual Instructions for Installation, Operation, Servicing, & Storage Details, Outdoor Use-Only, Dual Fuel Generator</p> <p>WARNING: Read and understand this manual before using this generator. Failure to do so can result in death or serious injury. Always use proper safety procedures when working with this equipment.</p> <p>CONTENTS: Introduction Important Safety Instructions Generator Components Generator Operation Generator Maintenance Generator Troubleshooting Generator Storage Generator Transportation Generator Disposal Generator Specifications Generator Warranties Generator Limited Warranty Generator Return Policy Generator Return Address</p>	<p>Powerhorse M6075687A.1 Dual Fuel Generator Owner's Manual</p> <p>This owner's manual provides essential information for the Powerhorse M6075687A.1 portable dual fuel generator, covering setup, operation, safety guidelines, and maintenance procedures for optimal performance and safe use.</p>
 <p>POWERHORSE M102221D Owner's Manual Instructions for Installation, Operation, Servicing, & Storage Details, Outdoor Use-Only, Gasoline Generator</p> <p>WARNING: Read and understand this manual before using this generator. Failure to do so can result in death or serious injury. Always use proper safety procedures when working with this equipment.</p> <p>CONTENTS: Introduction Important Safety Instructions Generator Components Generator Operation Generator Maintenance Generator Troubleshooting Generator Storage Generator Transportation Generator Disposal Generator Specifications Generator Warranties Generator Limited Warranty Generator Return Policy Generator Return Address</p>	<p>Powerhorse M102221D Portable Gasoline Generator Owner's Manual</p> <p>This owner's manual provides essential information for the Powerhorse M102221D portable gasoline generator, detailing setup, operation, safety precautions, maintenance, and troubleshooting for its 8,400W continuous and 11,050W surge capacity.</p>



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Owner s Manual M6075716A.1 ITEM NUMBER: **6075716** SERIAL NUMBER:

Instructions for Installation/Set-up, Operation, Servicing, Storage Portable, Outdoor Use-Only, Dual Fuel Generator Can be used to power individual appliances plugged directly into the generator s outlets, or as a ba...

lang:en score:51 filesize: 6.79 M page_count: 56 document date: 2025-02-17