

# Coleman Powermate 6875 Manual



Coleman Powermate 6875 Manual is an essential resource for anyone looking to operate and maintain this powerful generator effectively. The Coleman Powermate 6875 is known for its robust performance, reliability, and versatility, making it a popular choice for homeowners, contractors, and outdoor enthusiasts alike. This article will provide a comprehensive overview of the Coleman Powermate 6875, including its features, setup instructions, maintenance tips, and troubleshooting advice. Whether you are a seasoned user or a first-time owner, this guide will help you maximize the benefits of your generator.

## Overview of the Coleman Powermate 6875

The Coleman Powermate 6875 is a portable generator that is powered by a 13 HP, 4-stroke engine. It is designed to deliver reliable electricity for various applications, including construction sites, camping trips, and emergency power backup for homes. With a peak output of 6875 watts and a running output of 5500 watts, this generator provides sufficient power to run multiple appliances simultaneously.

## Key Features

1. Power Output:
  - Peak Watts: 6875
  - Running Watts: 5500
2. Engine Specifications:
  - Engine Type: 4-stroke, air-cooled

- Displacement: 389 cc

### 3. Fuel Capacity:

- 6-gallon fuel tank
- Approximately 12 hours of runtime at 50% load

### 4. Portability:

- Equipped with wheels and a folding handle for easy transport
- Compact design suitable for various environments

### 5. Outlet Options:

- Multiple 120V and 240V outlets
- Circuit breaker protection for safety

### 6. Noise Level:

- Operates at a reasonable noise level, ideal for residential use

## Setting Up the Coleman Powermate 6875

Proper setup is crucial for the safe and efficient operation of the Coleman Powermate 6875. The following steps outline the setup process:

### Unboxing and Initial Inspection

1. Carefully unbox the generator and check for any visible damage.
2. Ensure that all components, including wheels and handles, are present.
3. Refer to the Coleman Powermate 6875 manual for a complete parts list.

### Assembly Instructions

- Attach the Wheels:
  - Align the wheels with the axle and secure them using the provided pins.
- Install the Handle:
  - Attach the folding handle to the generator frame, ensuring it is locked in place.

### Fueling the Generator

1. Make sure the generator is turned off and cool to the touch.
2. Remove the fuel cap and fill the tank with fresh, unleaded gasoline.
3. Be cautious not to overfill—leave some space to avoid spillage.
4. Replace the fuel cap securely.

### Connecting Electrical Loads

1. Ensure the generator is off before connecting any appliances.
2. Use heavy-duty extension cords rated for the generator's output.

3. Connect the appliances to the appropriate outlets, ensuring the total load does not exceed the generator's rated capacity.

## **Operating the Coleman Powermate 6875**

Once set up, operating the Coleman Powermate 6875 is straightforward. Follow these steps for safe operation:

### **Starting the Generator**

1. Set the Choke:
  - Move the choke lever to the "closed" position for cold starts.
2. Turn on the Fuel Valve:
  - Ensure the fuel valve is open.
3. Prime the Engine:
  - If equipped, press the primer bulb several times until fuel is visible.
4. Start the Engine:
  - Pull the recoil starter firmly until the engine starts.
  - Gradually move the choke to the "open" position once the engine runs smoothly.

### **Monitoring Power Output**

- Check the Load:
  - Use the built-in voltmeter to monitor voltage levels.
- Avoid Overloading:
  - Make sure the total wattage of connected appliances does not exceed 5500 watts.

### **Shutting Down the Generator**

1. Disconnect all electrical loads.
2. Allow the generator to run for a few minutes to cool down.
3. Turn off the fuel valve and then the ignition switch.

## **Maintenance of the Coleman Powermate 6875**

To ensure the longevity and performance of your Coleman Powermate 6875, regular maintenance is essential. Follow these guidelines:

## Regular Checks and Cleaning

1. Inspect the Air Filter:
  - Clean or replace the air filter every 25 hours of operation.
2. Check the Oil Level:
  - Before each use, check the oil level and change it every 50 hours.
3. Fuel System Maintenance:
  - Use fresh fuel and consider adding a fuel stabilizer for long-term storage.
4. Clean the Exterior:
  - Wipe down the generator to remove dirt and debris that could impact performance.

## Long-term Storage Tips

- Empty the Fuel Tank:
  - Run the generator until the fuel is depleted before storing.
- Store in a Dry Place:
  - Keep the generator in a cool, dry environment to prevent rust and corrosion.
- Cover the Generator:
  - Use a protective cover to shield it from dust and moisture.

## Troubleshooting Common Issues

Even with proper maintenance, issues may arise with your Coleman Powermate 6875. Here are some common problems and their solutions:

### Generator Won't Start

- Check Fuel Level: Ensure there is adequate fuel in the tank.
- Inspect the Spark Plug: Clean or replace the spark plug if it appears dirty or worn.
- Verify the Choke Position: Ensure the choke is set properly for starting.

### Power Output Issues

- Overloaded Generator: Disconnect some appliances or reduce the load.
- Faulty Circuit Breakers: Reset any tripped breakers and check for shorts in the wiring.

### Unusual Noises or Vibrations

- Check for Loose Parts: Inspect the generator for any loose bolts or

components.

- **Examine the Fuel System:** Ensure the fuel is clean and free from contaminants.

## **Conclusion**

The Coleman Powermate 6875 Manual serves as a valuable tool for both new and experienced users of this generator. By understanding its features, following proper setup and operation procedures, and adhering to maintenance schedules, users can maximize the performance and lifespan of their Coleman Powermate 6875. With this guide, you'll be equipped to tackle any challenges that arise and enjoy reliable power wherever you need it. Whether for backup power at home, worksite energy needs, or recreational activities, the Coleman Powermate 6875 is a dependable companion in any situation.

## **Frequently Asked Questions**

### **What is the purpose of the Coleman Powermate 6875 manual?**

The Coleman Powermate 6875 manual provides essential information regarding the operation, maintenance, troubleshooting, and safety instructions for the generator.

### **Where can I find a digital copy of the Coleman Powermate 6875 manual?**

A digital copy of the Coleman Powermate 6875 manual can typically be found on the official Coleman website or through authorized retailers that sell the product.

### **What safety precautions are highlighted in the Coleman Powermate 6875 manual?**

The manual emphasizes safety precautions such as using the generator outdoors, keeping it away from combustible materials, and ensuring proper ventilation to avoid carbon monoxide buildup.

### **How do I perform routine maintenance according to the Coleman Powermate 6875 manual?**

Routine maintenance includes checking and changing the oil, cleaning or replacing the air filter, inspecting the spark plug, and ensuring that the fuel system is clean and free of debris.

### **What troubleshooting steps are provided in the Coleman Powermate 6875 manual?**

The manual outlines steps including checking the fuel supply, ensuring proper oil levels, inspecting the battery connections, and verifying that the generator is not overloaded.

## **Can I find parts and accessories for the Coleman Powermate 6875 in the manual?**

Yes, the manual typically includes a parts list and may provide information on where to purchase compatible accessories and replacement parts.

## **What type of fuel is recommended for the Coleman Powermate 6875?**

The manual recommends using unleaded gasoline with an octane rating of 87 or higher for optimal performance.

## **How do I start the Coleman Powermate 6875 according to the manual?**

The manual provides a step-by-step guide for starting the generator, which usually includes turning on the fuel valve, setting the choke, and pulling the recoil starter.

## **What warranty information is included in the Coleman Powermate 6875 manual?**

The manual typically includes details about the warranty period, coverage, and instructions on how to file a warranty claim for any defects or issues.

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