

## Hoteche G820001A

# Hoteche G820001A 1.6 HP 650W Gasoline Generator User Manual

Model: G820001A

## 1. INTRODUCTION

---

Thank you for choosing the Hoteche G820001A 1.6 HP 650W Gasoline Generator. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your generator. Please read this manual thoroughly before operating the generator and keep it for future reference. Proper use and maintenance will ensure a long and reliable service life for your product.

## 2. SAFETY INSTRUCTIONS

---

Your safety and the safety of others are very important. Always observe the following safety precautions when operating this generator. Failure to follow these instructions can result in serious injury or death.

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Never operate the generator indoors or in enclosed spaces. Ensure adequate ventilation when operating outdoors.
- **Fire Hazard:** Gasoline is highly flammable. Always refuel in a well-ventilated area with the engine turned off and cooled. Do not smoke or allow open flames near the generator. Do not overfill the fuel tank and avoid spilling fuel. If fuel is spilled, wipe it up immediately and wait for fumes to dissipate before starting the engine.
- **Electrical Shock Hazard:** Do not operate the generator in wet conditions or expose it to rain. Ensure all electrical connections are secure and dry. Do not connect the generator directly to your home's electrical system without a proper transfer switch installed by a qualified electrician.
- **Keep Children and Pets Away:** Keep children and pets at a safe distance from the generator during operation and while it is cooling down.
- **Hot Surfaces:** The generator's engine and muffler become very hot during operation and remain hot for some time after shutdown. Avoid touching hot surfaces to prevent burns.
- **Proper Placement:** Place the generator on a level, stable surface. Ensure there is at least 3 feet (1 meter) of clear space around the generator for proper ventilation.



**Image 2.1:** Side view of the Hoteche G820001A generator showing the recoil starter and a warning label. The label explicitly states: "Do not use inside the house," "Do not use in wet conditions," "Do not connect to the house circuit," "Keep children and pets away," "Turn off the engine when refueling," "Do not overfill," and "Do not spill." This emphasizes critical safety precautions for operation and refueling.

### 3. PRODUCT OVERVIEW

---

The Hoteche G820001A is a compact and portable gasoline generator designed for various applications requiring a reliable power source. It features a 1.6 HP, 2-stroke, air-cooled engine with a maximum output of 650W.



**Image 3.1:** Front view of the Hoteche G820001A gasoline generator, highlighting the control panel. Key components visible include the AC output socket, voltmeter, engine switch, and choke lever.

#### 3.1 Component Identification



**NOM**

**MINI GENERADOR  
A GASOLINA 2 TIEMPOS**



**Ciclo de trabajo:**  
Por cada tanque de combustible se sugiere dejar enfriar de 10 a 15 minutos como es una herramienta de uso continuo se debe de observar siempre que la mezcla de aceite combustible sea la adecuada para su operación continua.



**DESCRIPCIÓN**

-Ideal para campismo o pequeñas emergencias en ausencia de energía donde se requiere el uso de un equipo ligero y práctico para mantener algunos equipos encendidos en un tiempo de 4.5 hrs. de operación.  
-Su asa es ideal para su transportación.  
-Cuenta con vaso dosificador ideal para mezclar el combustible necesario para su operación.  
-Cuenta con 2 trampas de agua y suciedad en el sistema combustible y una llave de paso para evitar derrames en su estado de reposo apagado.  
-Fácil sistema de arranque.



**ESPECIFICACIONES**

VOLTAJE SALIDA	CA/110V 60Hz CA
POTENCIA SALIDA	CC/12V/40 A.h.
	CA/800W/700W CONTINUOS
	CC/8.3A/8.0A CONTINUOS
TANQUE COMBUSTIBLE CAPACIDAD	4 Lts.
TIEMPO OPERACION	4.5 Hrs.
COMBUSTIBLE	1 L GASOLINA POR 25 ML ACEITE DOS TIEMPOS JASO FC
	MEZCLA 50:1 GAS 87 OCTANOS
MOTOR	2 TIEMPOS ENFRIADO AIRE
DESPLAZAMIENTO	63 CC
VELOCIDAD OPERACION	3600 RPM
FASE	1 FASE
PESO	16.4KG

**Image 3.2:** Detailed diagram illustrating the various components of the Hoteche G820001A mini generator. This image provides a labeled view of the fuel tank cap, handle, AC output, voltmeter, engine switch, choke lever, recoil starter, air filter cover, and rubber feet.

- Fuel Tank Cap:** For filling the fuel tank.
- Handle:** For easy transport of the generator.
- AC Output Socket (110V 60Hz 700W):** Connect electrical appliances here. Features protective covers.
- Voltmeter:** Displays the output voltage of the generator.
- Engine Switch (ENG SW):** Controls the engine's ON/OFF state.
- Choke Lever:** Used for starting a cold engine.
- Recoil Starter:** Manual pull-start mechanism for the engine.
- Air Filter Cover:** Protects the air filter.
- Rubber Feet:** Provides stability and reduces vibration.
- Battery Charging Cables:** (If included, typically for 12V DC output, not explicitly labeled but often present on such models).

**4. SETUP**

Before operating your generator, follow these steps for proper setup.

## 4.1 Unpacking and Inspection

- Carefully remove the generator from its packaging.
- Inspect the generator for any signs of damage during shipping. If damage is found, do not operate the unit and contact your dealer.
- Ensure all components listed in the packaging are present.

## 4.2 Fueling the Generator

This generator uses a 2-stroke engine, which requires a specific mixture of unleaded gasoline and 2-stroke engine oil.

- **Fuel Type:** Use fresh, unleaded gasoline with an octane rating of 87 or higher.
- **Oil Type:** Use high-quality 2-stroke engine oil, specifically JASO FC standard or equivalent.
- **Mixing Ratio:** Mix gasoline and 2-stroke oil at a ratio of **50:1** (50 parts gasoline to 1 part oil). For example, for 1 liter of gasoline, use 20 ml of 2-stroke oil.
- **Mixing Procedure:** Mix the fuel in a separate, approved fuel container. Do not mix directly in the generator's fuel tank. Shake the container thoroughly to ensure proper mixing.
- **Filling the Tank:** With the engine off and cool, carefully pour the pre-mixed fuel into the generator's fuel tank. Do not overfill. Leave a small air gap at the top to allow for fuel expansion. Securely close the fuel tank cap.

## 4.3 Placement

- Place the generator on a firm, level surface outdoors.
- Ensure the area is well-ventilated and clear of any combustible materials, structures, or vegetation.
- Maintain at least 3 feet (1 meter) of clearance around the generator.

# 5. OPERATING INSTRUCTIONS

---

Follow these steps to safely start and operate your Hoteche generator.

## 5.1 Starting the Engine

1. **Check Fuel Level:** Ensure the fuel tank is filled with the correct gasoline/oil mixture.
2. **Open Fuel Valve:** If your model has a separate fuel valve, turn it to the "ON" or open position. (Refer to Image 3.2 for component location).
3. **Set Choke:** For a cold engine, move the choke lever to the "START" or "CHOKE" position. For a warm engine, the choke may not be necessary or may only require a partial choke.
4. **Turn Engine Switch ON:** Locate the Engine Switch (ENG SW) on the control panel and turn it to the "ON" position.
5. **Pull Recoil Starter:** Grip the recoil starter handle firmly. Pull it slowly until you feel resistance, then pull quickly and smoothly with a full arm stroke. Do not let the handle snap back; guide it gently. Repeat until the engine starts.
6. **Adjust Choke:** Once the engine starts, gradually move the choke lever to the "RUN" or "OPEN" position. If the engine falters, move the choke back slightly until it runs smoothly, then slowly move it to "RUN."
7. **Allow to Warm Up:** Let the generator run for a few minutes to warm up before connecting any electrical loads.

## 5.2 Connecting Electrical Loads

- Ensure the generator is running smoothly and has warmed up.
- Plug your electrical appliances into the AC output sockets.
- Do not overload the generator. The total wattage of all connected appliances must not exceed the generator's rated output (650W). Overloading can damage the generator and connected devices.

- Monitor the voltmeter to ensure stable voltage output.

## 5.3 Stopping the Engine

1. **Disconnect Loads:** Unplug all electrical appliances from the generator.
2. **Turn Engine Switch OFF:** Move the Engine Switch (ENG SW) to the "OFF" position.
3. **Close Fuel Valve:** If your model has a separate fuel valve, turn it to the "OFF" or closed position.
4. Allow the generator to cool down completely before storing or performing any maintenance.

## 6. MAINTENANCE

---

Regular maintenance is crucial for the longevity and reliable performance of your generator. Always ensure the engine is off and cool before performing any maintenance.

### 6.1 Air Filter Maintenance

A dirty air filter can reduce engine performance and increase fuel consumption.

- **Inspection:** Inspect the air filter every 10 hours of operation or before each use in dusty conditions.
- **Cleaning:** Remove the air filter cover and take out the foam filter element. Wash the element in warm, soapy water, rinse thoroughly, and allow it to air dry completely. Alternatively, you can clean it with non-flammable solvent.
- **Reassembly:** Lightly oil the dry filter element with 2-stroke oil, squeeze out excess oil, and reinstall it. Ensure the air filter cover is securely fastened.

### 6.2 Spark Plug Maintenance

- **Inspection:** Inspect the spark plug every 50 hours of operation.
- **Cleaning/Replacement:** Remove the spark plug using a spark plug wrench. Check for carbon deposits or discoloration. Clean any deposits with a wire brush. If the electrode is worn or damaged, replace the spark plug with the recommended type.
- **Gap Adjustment:** Ensure the spark plug gap is set to the manufacturer's specification (refer to specifications section or engine manual if available).
- **Reinstallation:** Hand-tighten the spark plug, then tighten with a wrench an additional 1/2 to 3/4 turn. Do not overtighten.

### 6.3 Fuel System Maintenance

- **Fuel Filter:** Periodically check the fuel filter (if accessible) for debris and clean or replace as needed.
- **Long-Term Storage:** For storage longer than 30 days, drain all fuel from the fuel tank and carburetor to prevent fuel degradation and gumming. Run the engine until it stops from lack of fuel.

### 6.4 General Cleaning and Storage

- Keep the generator clean and free of dirt and debris.
- Store the generator in a clean, dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- Use a generator cover to protect it from dust and moisture during storage.

## 7. TROUBLESHOOTING

---

This section provides solutions to common operational issues. If you encounter a problem not listed here, or if the suggested solutions do not resolve the issue, contact customer support.

Problem	Possible Cause	Solution
Engine will not start	<ul style="list-style-type: none"> <li>No fuel or incorrect fuel mixture</li> <li>Engine switch OFF</li> <li>Choke in wrong position</li> <li>Spark plug fouled or faulty</li> <li>Recoil starter issue</li> </ul>	<ul style="list-style-type: none"> <li>Fill fuel tank with correct gasoline/oil mixture</li> <li>Turn engine switch to ON</li> <li>Adjust choke lever to START/CHOKE for cold engine</li> <li>Clean or replace spark plug</li> <li>Inspect recoil starter for damage</li> </ul>
Engine starts then stops	<ul style="list-style-type: none"> <li>No fuel or low fuel level</li> <li>Choke not fully open</li> <li>Air filter clogged</li> <li>Overheating</li> </ul>	<ul style="list-style-type: none"> <li>Refuel with correct mixture</li> <li>Move choke lever to RUN position</li> <li>Clean air filter</li> <li>Allow generator to cool down; check for obstructions</li> </ul>
Low power output / Engine runs rough	<ul style="list-style-type: none"> <li>Overload</li> <li>Dirty air filter</li> <li>Stale or incorrect fuel</li> <li>Fouled spark plug</li> </ul>	<ul style="list-style-type: none"> <li>Reduce electrical load</li> <li>Clean air filter</li> <li>Drain old fuel and replace with fresh, correct mixture</li> <li>Clean or replace spark plug</li> </ul>
No electrical output	<ul style="list-style-type: none"> <li>Overload protection tripped</li> <li>Faulty connection</li> <li>Generator issue</li> </ul>	<ul style="list-style-type: none"> <li>Reduce load and restart generator (if applicable)</li> <li>Check all connections</li> <li>Contact service center</li> </ul>

## 8. SPECIFICATIONS

Detailed technical specifications for the Hoteche G820001A Gasoline Generator.

Specification	Value
Brand	Hoteche
Model Number	G820001A
Engine Type	2-stroke, Air-cooled
Maximum Output	1.6 HP / 3600 RPM
Rated Power Output	650 Watts
Voltage	110 Volts
Frequency	60 Hz

Specification	Value
Fuel Type	Unleaded Gasoline (87+ octane)
Oil Type	2-stroke engine oil (JASO FC standard)
Fuel Mix Ratio (Gasoline:Oil)	50:1
Dimensions (L x W x H)	38 x 35 x 35 cm (14.96 x 13.78 x 13.78 inches)
Weight	17.2 Kilograms (37.92 lbs)
Recommended Use	Camping

## 9. WARRANTY & SUPPORT

Hoteche is committed to providing quality products and customer satisfaction.

### 9.1 Warranty Information

This Hoteche G820001A Gasoline Generator comes with a **1-Year Hoteche Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, neglect, unauthorized repairs, or normal wear and tear.



**Image 9.1:** Hoteche warranty badge indicating a 1-year warranty on products. This confirms the warranty period for the generator.

### 9.2 Customer Support

For warranty claims, technical assistance, or inquiries regarding spare parts, please contact Hoteche customer support through your original point of purchase or visit the official Hoteche website for contact details.

