



# USER MANUAL



FOR MODELS:

## GM9000iE

**Digital Inverter Generator**

7600 Running Watts | 9000 Starting Watts

## GM9000iED

**Digital Inverter Generator**

GAS: 7600 Running Watts | 9000 Starting Watts  
LPG: 7200 Running Watts | 8550 Starting Watts

### **California**

#### **Proposition 65 Warning**

The engine exhaust from this product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

### **California**

#### **Proposition 65 Warning**

Certain components in this product and its related accessories contain chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Wash hands after handling.

#### **DISCLAIMERS:**

All information, illustrations and specifications in this manual are based on the latest information available at the time of publishing. The illustrations used in this manual are intended as representative reference views only. Moreover, because of our continuous product improvement policy, we may modify information, illustrations and/or specifications to explain and/or exemplify a product, service or maintenance improvement. We reserve the right to make any change at any time without notice. Some images may vary depending upon which model is shown.

### **DANGER**



This manual contains important instructions for operating this inverter generator. For your safety and the safety of others, be sure to read this manual thoroughly before operating the generator. Failure to properly follow all instructions and precautions can cause you and others to be seriously hurt or killed.

# LIMITED WARRANTY

---

1. **DURATION** : One (1) year from the date of purchase by the original purchaser ( retail customer ) on products used solely for consumer applications; if a product is used for business, commercial, or industrial applications, the warranty period will be limited to ninety (90) days from the date of purchase.
2. **WHO GIVES THIS WARRANTY (WARRANTOR):**  
CHONGQING DINKING POWER MACHINERY CO., LTD
3. **WHO RECEIVES THIS WARRANTY(PURCHASER):**  
The original purchaser (other than for purposes of resale) of the Genmax' s inverter.
4. **WHAT PRODUCTS ARE COVERED BY THIS WARRANTY:**  
Any portable generator supplied or manufactured by Warrantor.
5. **WHAT IS COVERED UNDER THIS WARRANTY:**  
Substantial defects on material and workmanship which occur within the duration of the warranty period.
6. **WHAT IS NOT COVERED UNDER THIS WARRANTY:**
  - A. Transportation charges for sending the product to Warrantor or its authorized service representative for warranty service, or for shipping repaired or replacement products back to the customer; these charges must be borne by the customer.
  - B. Damages caused by abuse, accident, shipping, misuse, overloading, modification, and the effects of corrosion, erosion and normal wear and tear.
  - C. Warranty is voided if the customer fails to install, maintain and operate the product in accordance with the instructions and recommendations set forth in the owner's manual(s), or if the product is used as rental equipment.
  - D. Pre-delivery service, i.e. assembly, oil or lubricants, and adjustment.
  - E. Items or service that are normally required to maintain the product, i.e. lubricants and filters.
  - F. Warrantor will not pay for repairs or adjustments to the product, or for any costs or labour, performed without Warrantor's prior authorization.

**EXCLUSIONS AND LIMITATIONS** : Warrantor makes no other warranty of any kind, express or implied. Implied warranties, including warranties of merchantability and of fitness for a particular purpose, are hereby disclaimed. This warranty service described above is the exclusive remedy under this warranty; liability for incidental and consequential damages is excluded to the extent permitted by law.
7. **RESPONSIBILITIES OF PURCHASER UNDER THIS WARRANTY:**
  - A. The purchaser must provide dated proof of purchase and must notify Warrantor within the warranty period.
  - B. Deliver or ship the serviced generator or component to the nearest Warrantor's authorized service representative. Freight costs, if any, must be borne by the purchaser.
8. **HAVE QUESTIONS?**

Email: [warrantiessmallengines@gmail.com](mailto:warrantiessmallengines@gmail.com)

Phone: 866-960-2920

---

## WARRANTY CARD

### PERSONAL INFORMATION

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State, ZIP: \_\_\_\_\_

Country: \_\_\_\_\_

Phone Number: \_\_\_\_\_

E-Mail: \_\_\_\_\_

### INVERTER INFORMATION

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Date Purchased: \_\_\_\_\_

Purchased From: \_\_\_\_\_



# INTRODUCTION

---

## TABLE OF CONTENTS

INTRODUCTION .....	3	MAINTENANCE .....	
SAFETY .....		CHECKING AND FILLING FUEL.....	25
SAFETY DEFINITIONS.....	4	ENGINE OIL CHANGE.....	25
SAFETY SYMBOLS .....	4	AIR FILTER ELEMENT MAINTENANCE.....	26
SAFETY PRECAUTIONS .....	5	SPARK ARRESTOR MAINTENANCE.....	26
POISONOUS GAS HAZARD.....	5	SPARK PLUG MAINTENANCE.....	26
CARBON MONOXIDE .....	9	STORAGE.....	27
CONTROLS AND FEATURES.....	10	STORAGE AREA.....	27
CONTROL PANEL .....	11	TROUBLESHOOTING.....	28
SPECIFICATIONS .....	13	ASSEMBLY DIAGRAM.....	30
ASSEMBLY .....		PARTS LIST.....	30
UNPACKING .....	15	WIRING DIAGRAM.....	33
ADD ENGINE OIL .....	15		
ADD GASOLINE .....	16		
CONNECT AN LPG TANK .....	16		
CONNECT THE BATTERY.....	17		
GROUNDING THE GENERATOR.....	17		
OPERATION .....			
GENERATOR LOCATION.....	18		
STARTING THE ENGINE: GASOLINE.....	18		
STARTING THE ENGINE: LPG.....	19		
GASOLINE TO LPG.....	21		
LPG TO GASOLINE.....	21		
PARALLEL OPERATION.....	21		
VOLTAGE SELECTOR.....	21		
STOP THE ENGINE.....	22		
GENERATOR CAPACITY.....	22		
POWER MANAGEMENT.....	23		

# SAFETY

## SAFETY

### SAFETY DEFINITIONS

The words DANGER, WARNING, CAUTION, and NOTICE are used throughout this manual to highlight important information. Make sure that the meanings of this safety information is known to all who operate, perform maintenance on, or are near the generator.



This safety alert symbol appears with most safety statements. It means attention, become alert, your safety is involved! Please read and abide by the message that follows the safety alerts symbol.

#### **DANGER**

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

#### **WARNING**

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

#### **CAUTION**

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

#### **NOTICE**

Indicates a situation which can cause damage to the generator, personal property, and/or the environment, or cause the equipment to operate improperly.


#### **WARNING**

Connection of the product to a building's electrical system is not applicable.

**Note:** Indicates a procedure, practice or condition that should be followed for the generator to function in the manner intended.

## SAFETY SYMBOLS

Follow all safety information contained in this manual and on the generator.

Symbol	Description
	Safety Alert Symbol
	Electrocution Hazard
	Asphyxiation Hazard
	Burn Hazard. DO NOT touch hot surfaces.
	Electrical Shock Hazard
	Fire Hazard
	Maintain Safe Distance
	Lifting Hazard
	Read Manufacturer's Instructions
	DO NOT Operate in Wet Conditions
	Ground. Consult with electrician to determine grounding requirements before operation.



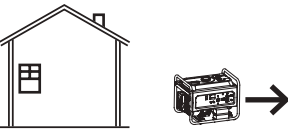
# SAFETY

## SAFETY PRECAUTIONS

**⚠ DANGER**

Using a generator indoors **CAN KILL YOU IN MINUTES.**

Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell.

		
NEVER use inside a home or garage, EVEN IF doors and windows are open.		Only use OUTSIDE and far away from windows, doors, and vents.

- If you start to feel sick, dizzy or weak while using the portable generator, you may have carbon monoxide poisoning. Get out side to fresh air immediately and call 911 for emergency medical attention. Very high levels of CO can rapidly cause victims to lose consciousness before they can rescue themselves. DO NOT attempt to shut off the generator before moving to fresh air. Entering an enclosed space where a generator is or has been running may put you at greater risk of CO poisoning.

## ⚠ WARNING

### POISONOUS GAS HAZARD.



Engine exhaust contains carbon monoxide, a poisonous gas that could kill you in minutes. You CANNOT smell it, see it, or taste it. Even if you do not smell exhaust fumes, you could still be exposed to carbon monoxide gas

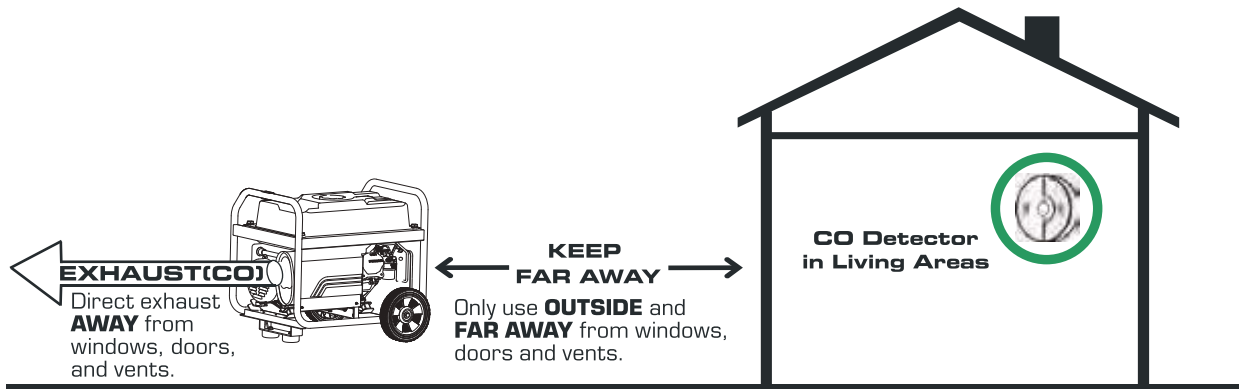
- Operate this product ONLY outside far away from windows, doors and vents to reduce the risk of carbon monoxide gas from accumulating and potentially being drawn towards occupied spaces.
- Install battery-operated carbon monoxide alarms or plug-in carbon monoxide alarms with battery back-up according to the manufacturer's instructions. Smoke alarms cannot detect carbon monoxide gas.
- DO NOT run this product inside homes, garages, basements, crawlspaces, sheds, or other partially-enclosed spaces even if using fans or opening doors and windows for ventilation. Carbon monoxide can quickly build up in these spaces and can linger for hours, even after this product has shut off.
- ALWAYS place this product downwind and point the engine exhaust away from occupied spaces. If you start to feel sick, dizzy, or weak while using this product, shut it off and get to fresh air RIGHT AWAY. See a doctor. You may have carbon monoxide poisoning.

# SAFETY

## CORRECT USAGE

### Example location to reduce risk of carbon monoxide poisoning

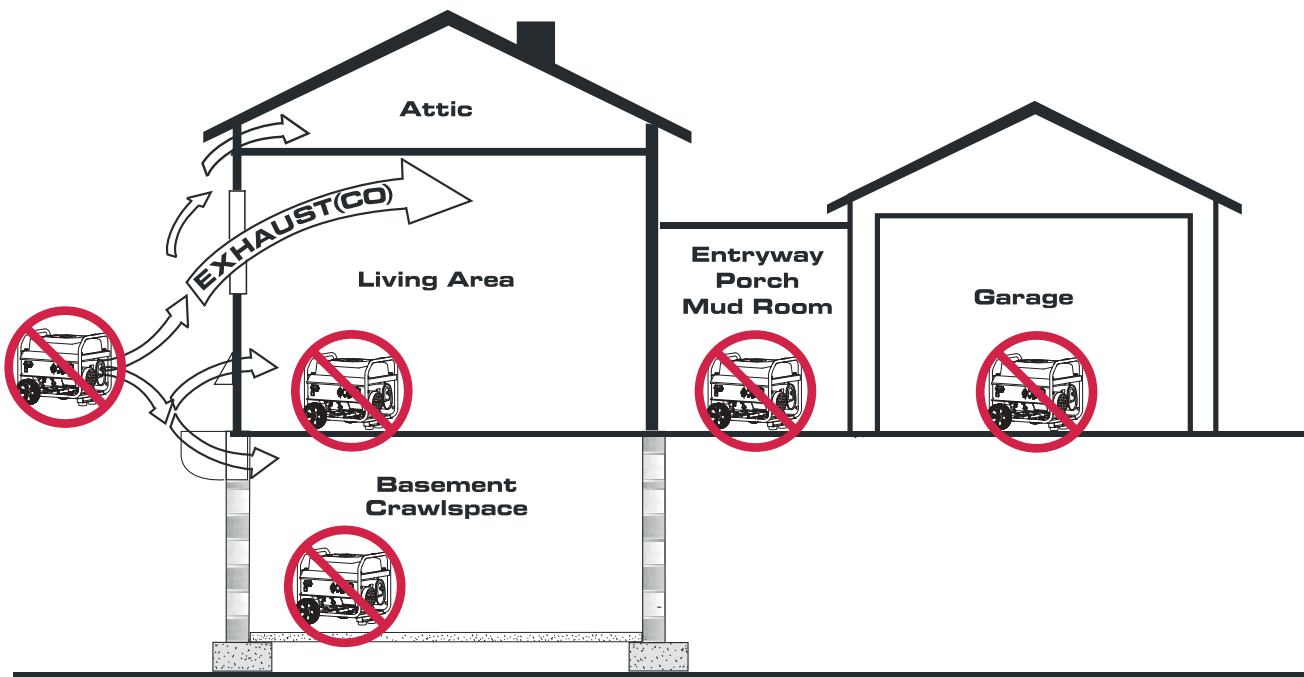
- ONLY use outside and downwind, far away from windows, doors and vents.
- Direct exhaust away from occupied spaces.



## INCORRECT USAGE

### Do not operate in any of the following locations:

- Near any door, window or vent
- Garage
- Basement
- Crawl Space
- Living Area
- Attic
- Entry Way
- Porch
- Mudroom



# SAFETY

## ⚠ WARNING



Starter cord kickback (rapid retraction) will pull hand and arm toward engine faster than you can let go which could cause broken bones, fractures, bruises, or sprains resulting in serious injury.

- When starting engine, pull cord slowly until resistance is felt and then pull rapidly to avoid kickback.
- NEVER start or stop engine with electrical devices plugged in and turned on.

## ⚠ WARNING



Fuel and its vapors are extremely flammable and explosive which could cause burns, fire, or explosion resulting in death or serious injury and/or property damage.

## WHEN ADDING OR DRAINING FUEL

- Turn generator engine OFF and let it cool at least 2 minutes before removing fuel cap. Loosen cap slowly to relieve pressure in tank.
- Fill or drain fuel tank outdoors.
- **DO NOT** overfill tank. Allow space for fuel expansion.
- If fuel spills, wait until it evaporates before starting engine.
- Keep fuel away from sparks, open flames, pilot lights, heat, and other ignition sources.
- Check fuel lines, tank, cap, and fittings frequently for cracks or leaks. Replace if necessary.
- **DO NOT** light a cigarette or smoke.

## WHEN STARTING EQUIPMENT

- Ensure spark plug, muffler, fuel cap, and air cleaner are in place.
- **DO NOT** crank engine with spark plug removed.

## WHEN OPERATING EQUIPMENT

- **DO NOT** operate this product inside any building, carport, porch, mobile equipment, marine applications, or enclosure.
- **DO NOT** tip engine or equipment at angle which causes fuel to spill.
- **DO NOT** stop engine by moving choke control to "Start" position.

## WHEN TRANSPORTING, MOVING OR REPAIRING EQUIPMENT

- Transport/move/repair with fuel tank EMPTY or with fuel shutoff valve OFF.
- **DO NOT** tip engine or equipment at angle which causes fuel to spill.
- Disconnect spark plug wire.

## WHEN STORING FUEL OR EQUIPMENT WITH FUEL IN TANK

- Store away from furnaces, stoves, water heaters, clothes dryers, or other appliances that have pilot light or other ignition source because they could ignite fuel vapors.

## ⚠ WARNING



Generator voltage could cause electrical shock or burn resulting in death or serious injury.

- Use approved transfer equipment, suitable for the intended use, to prevent backfeed by isolating generator from electric utility workers.
- When using generator for backup power, notify utility company.
- Use a ground fault circuit interrupter (GFCI) in any damp or highly conductive area, such as metal decking or steel work.
- **DO NOT** touch bare wires or receptacles.
- **DO NOT** use generator with electrical cords which are worn, frayed, bare or otherwise damaged.
- **DO NOT** operate generator in the rain or wet weather.
- **DO NOT** handle generator or electrical cords while standing in water, while barefoot, or while hands or feet are wet.
- **DO NOT** allow unqualified persons or children to operate or service generator.

## ⚠ WARNING



Exhaust heat/gases could ignite combustibles, structures or damage fuel tank causing a fire, resulting in death or serious injury and/or property damage.

Contact with muffler area could cause burns resulting in serious injury.



# SAFETY

- **DO NOT** touch hot parts and AVOID hot exhaust gases.
- Allow equipment to cool before touching.
- Replacement parts must be the same and installed in the same position as the original parts.

## ⚠ WARNING



Unintentional sparking could cause fire or electric shock resulting in death or serious injury.

## WHEN ADJUSTING OR MAKING REPAIRS TO YOUR GENERATOR

- Disconnect the spark plug wire from the spark plug and place the wire where it cannot contact park plug.

## WHEN TESTING FOR ENGINE SPARK

- Use approved spark plug tester.
- **DO NOT** check for spark with spark plug removed.

## ⚠ WARNING



Starter and other rotating parts could entangle hands, hair, clothing, or accessories resulting in serious injury.

- NEVER operate generator without protective housing or covers.
- **DO NOT** wear loose clothing, jewelry or anything that could be caught in the starter or other rotating parts.
- Tie up long hair and remove jewelry.

## ⚠ CAUTION

Excessively high operating speeds could result in minor injury. Excessively low operating speeds impose a heavy load.

- **DO NOT** tamper with governor spring, links or other parts to increase engine speed.  
Generator supplies correct rated frequency and voltage when running at governed speed.
- **DO NOT** modify generator in any way.

## NOTE:

Exceeding generators wattage/ampere capacity could damage generator and/or electrical devices connected to it.

- **DO NOT** exceed the generator's wattage ampere capacity.
- Start generator and let engine stabilize before connecting electrical loads.
- Connect electrical loads in OFF position, then turn ON for operation.
- Turn electrical loads OFF and disconnect from generator before stopping generator.

## NOTE:

Improper treatment of generator could damage it and shorten its life.

- Use generator only for intended uses.
- If you have questions about intended use, ask dealer or contact local service center.
- Operate generator only on level surfaces.
- **DO NOT** expose generator to excessive moisture, dust, dirt, or corrosive vapors.
- **DO NOT** insert any objects through cooling slots.
- If connected devices overheat, turn them off and disconnect them from generator.
- Shut off generator if:
  - Electrical output is lost.
  - Equipment sparks, smokes, or emits flames.
  - Unit vibrates excessively.

## Parallel Kit Precautions

### ⚠ WARNING

TO PREVENT SERIOUS INJURY, DEATH, AND GENERATOR AND/OR EQUIPMENT DAMAGE FROM ELECTRIC SHOCK AND FIRE:

1. Follow Parallel Kit instructions provided with Kit for connection and use of a Parallel Kit.
2. Only connect two identical Inverter Generators together using a Parallel Kit.
3. Connect Parallel Kit only to terminals marked "Parallel Outlets" on the front of the Generator.
4. Do not remove or connect a Parallel Kit while the Generator is running.
5. Do not use a Parallel Kit that is attached to only one Generator.

CARBON MONOXIDE SAFETY

Carbon Monoxide

Generators are very convenient, but they can also be very dangerous. All fuel-burning appliances and equipment release a poisonous gas called carbon monoxide. Carbon monoxide (also known as CO) can be dangerous for humans and pets, even in small amounts, because it blocks oxygen from getting into your body. Carbon monoxide poisoning can lead to death in a very short time. It is odorless, tasteless and invisible, so you may be exposed without knowing it. That is why carbon monoxide is sometimes called “the silent killer.”

CO Alert

The CO Alert system was created to protect our customers and their families from dangerous carbon monoxide. Just like the detector for your home the CO Alert tests the air for to keep you safe and healthy.

⚠️ WARNING

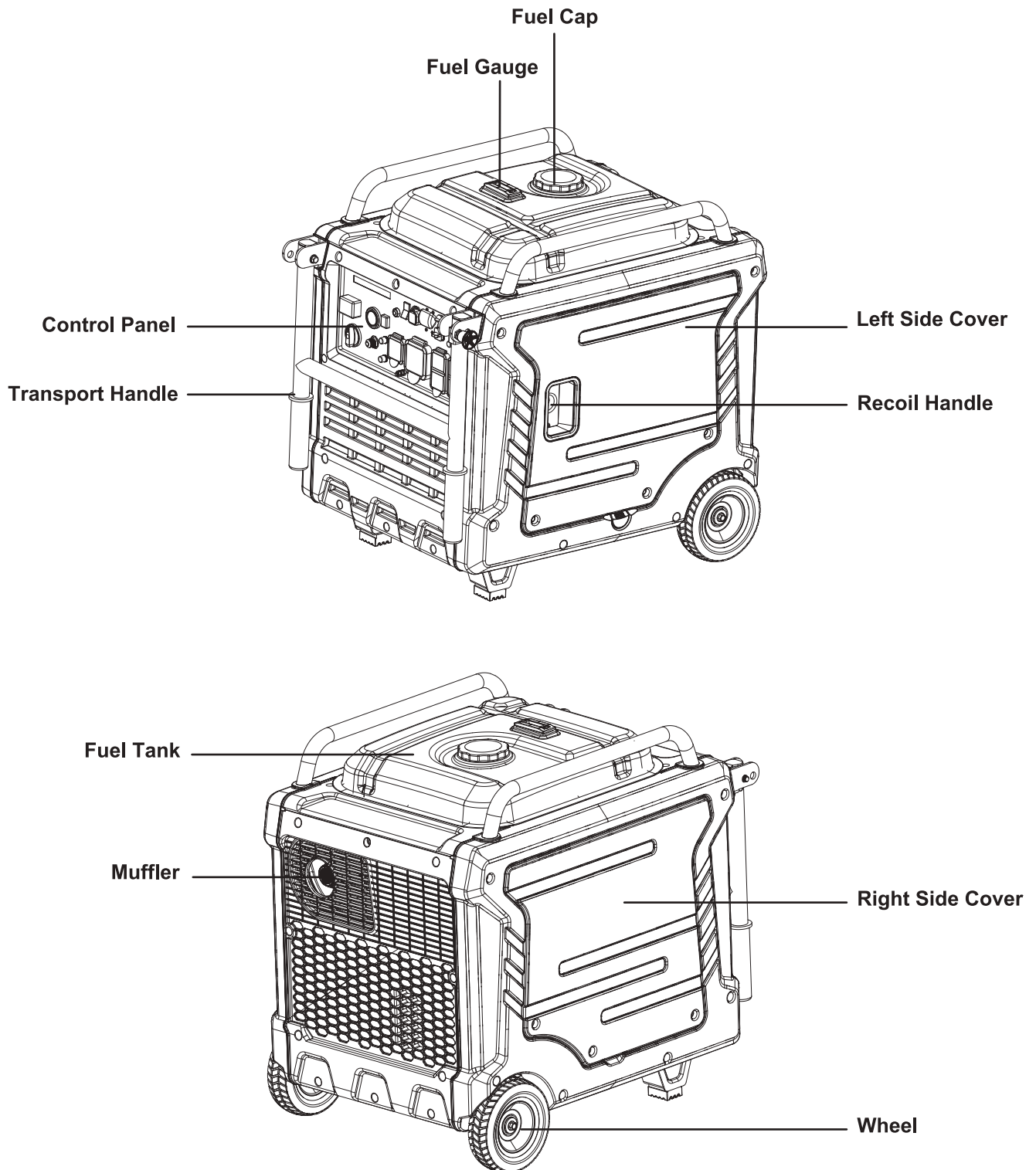
Automatic shutoff accompanied with a flashing RED light in the CO Sensor portion of the control panel is an indication that the generator was improperly located. If you start to feel sick, dizzy, weak, or carbon monoxide detectors in your home indicate an alarm, get to fresh air immediately. Call emergency services. You may have carbon monoxide poisoning.

Co Sensor Indicator Lights

Color	Description
RED	<p>Carbon monoxide accumulated around the generator. After shut-off, the RED indicator light in the CO Sensor area of the control panel will flash to provide notification that the generator was shutoff due to an accumulating CO hazard. The RED light will flash for at least five minutes after a CO shut-off.</p> <p>Move the generator to an open, outdoor area far away from occupied spaces with exhaust pointed away. Once relocated to a safe area, the generator can be restarted. Introduce fresh air and ventilate the area where the generator had shut down.</p>
YELLOW	<p>A CO sensor system fault occurred. When a system fault occurs, the generator is automatically shut down and the YELLOW indicator light in the CO auto-shutoff area of the control panel will flash to provide notification that a fault has occurred. The YELLOW light will flash for at least five minutes after a fault. The generator can be re-started, but may continue to shutoff.</p>

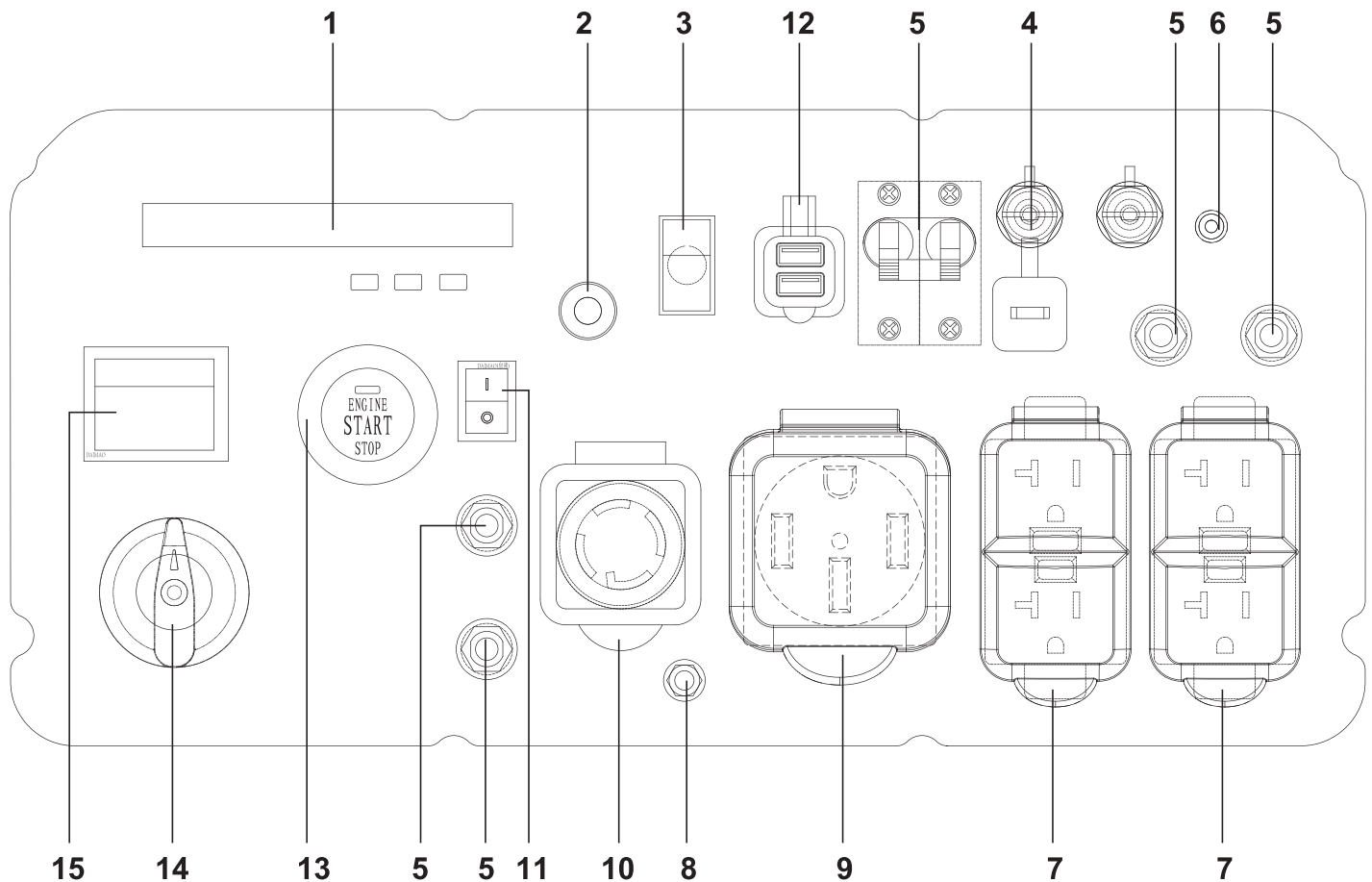
# CONTROLS AND FEATURES

---



**WARNING! TO PREVENT SERIOUS INJURY:** Follow Parallel Kit instructions for connection and use of a Parallel Kit (Parallel Kit and instructions sold separately). Generator must be in 120V/240V mode for parallel function.

# CONTROL PANEL(GM9000iE)



**1. Multimeter:** Provides information of Hours Run, Voltage, Hertz, and current load on the generator measured in kW.

**2. Reset:** If the generator is overloaded, the reset breaker will trip. The engine will continue to run, but there will be no output from the generator. Unplug the devices and reduce the load. Push in the reset breaker to reset it.

**3. Voltage Selector**

**4. Parallel Kit Terminals:** Allow you to combine the output of two generators for maximum power.

**5. Circuit Breaker:** Resettable switch that protects the generator from electrical overload.

**6. CO Alert:** Shuts down the engine in the event of CO buildup.

**7. 120V GFCI Receptacle:** Use to connect electrical devices that run 120 Volt, 60 Hz, single phase AC current (NEMA 5-20R).

**8. Ground Terminal:** The ground terminal is used to externally ground the generator.

**9. 120/240 Volt AC, 50 Amp NEMA 14-50R Receptacle:** Receptacle can supply a maximum of 50 Amps.

**10. 120/240V AC 30A:** Use to connect electrical devices that run 120/240 Volt, 60 Hz, single phase, AC current (L14-30R).

**11. Low Idle:** Lowers the engine speed to match the load to save on fuel and reduce noise levels.

**12. USB Outlets:** 5V DC Output for charging batteries or running USB powered items.

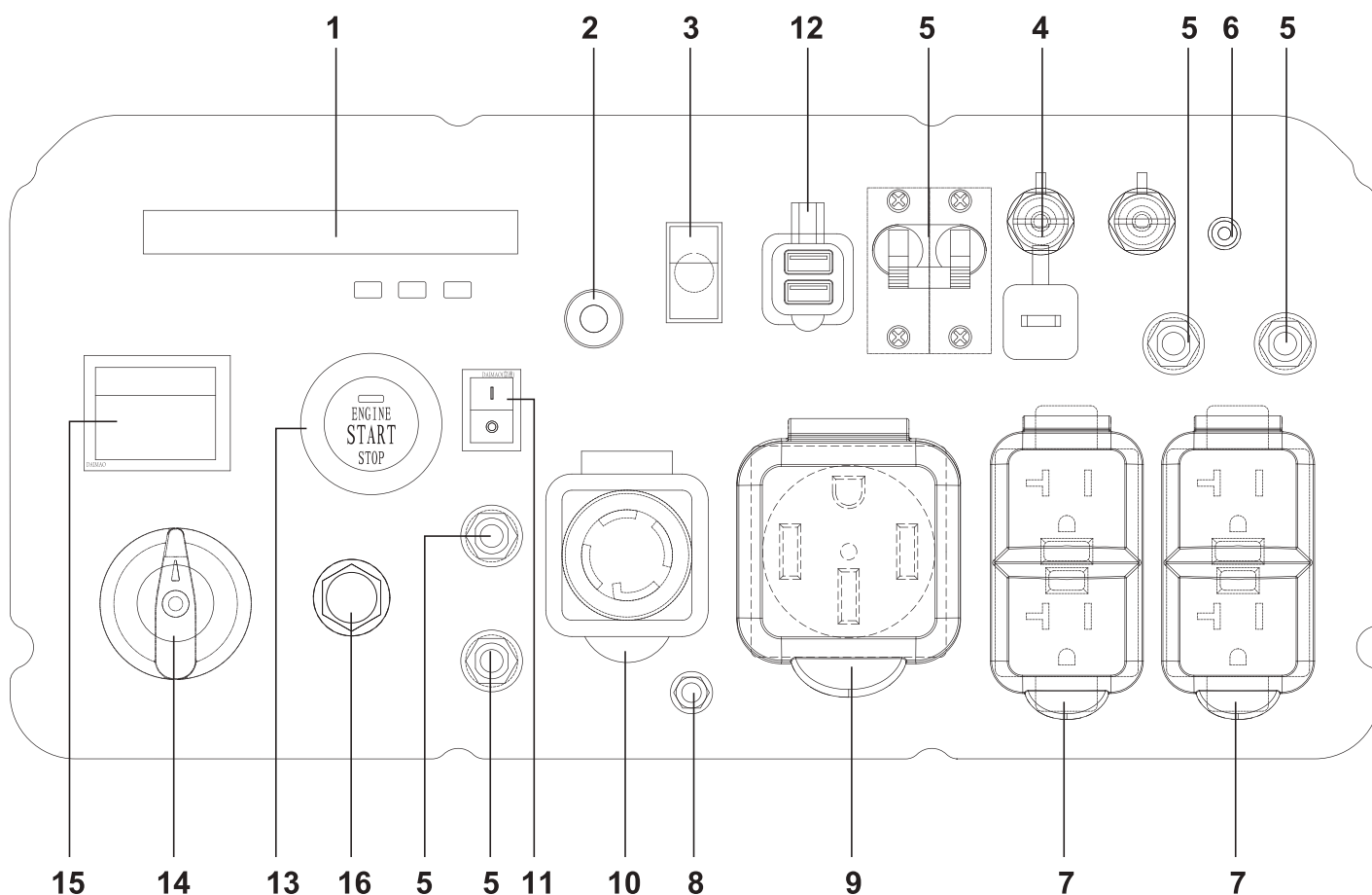
**13. Start Up:** Starts and shuts down the generator.

- Start and stop function: press and hold for 1s to 3s, and release it to start or stop the engine
- Learning function: long press for more than 5s, the red light of the start button will light up, press any key of the remote control key, the button red light will flash for a while and then go out. The learning will be successful, after the red light lights up and then go out again.

**14. Fuel Switch**

**15. Main Switch:** Allows power to the starter and panel. Prevents accidental starting.

# CONTROL PANEL(GM9000iED)



**1. Multimeter:** Provides information of Hours Run, Voltage, Hertz, and current load on the generator measured in kW.

**2. Reset:** If the generator is overloaded, the reset breaker will trip. The engine will continue to run, but there will be no output from the generator. Unplug the devices and reduce the load. Push in the reset breaker to reset it.

**3. Voltage Selector**

**4. Parallel Kit Terminals:** Allow you to combine the output of two generators for maximum power.

**5. Circuit Breaker:** Resettable switch that protects the generator from electrical overload.

**6. CO Alert:** Shuts down the engine in the event of CO buildup.

**7. 120V GFCI Receptacle:** Use to connect electrical devices that run 120 Volt, 60 Hz, single phase AC current (NEMA 5-20R).

**8. Ground Terminal:** The ground terminal is used to externally ground the generator.

**9. 120/240 Volt AC, 50 Amp NEMA 14-50R Receptacle:** Receptacle can supply a maximum of 50 Amps.

**10. 120/240V AC 30A:** Use to connect electrical devices that run 120/240 Volt, 60 Hz, single phase, AC current (L14-30R).

**11. Low Idle:** Lowers the engine speed to match the load to save on fuel and reduce noise levels.

**12. USB Outlets:** 5V DC Output for charging batteries or running USB powered items.

**13. Start Up:** Starts and shuts down the generator.

- Start and stop function: press and hold for 1s to 3s, and release it to start or stop the engine
- Learning function: long press for more than 5s, the red light of the start button will light up, press any key of the remote control key, the button red light will flash for a while and then go out. The learning will be successful, after the red light lights up and then go out again.

**14. Fuel Source:** GAS/LPG valve that changes the fuel into the engine.

**15. Main Switch:** Allows power to the starter and panel. Prevents accidental starting.

**16. LPG Inlet:** Connects the LPG inlet to the LPG hose/regulator.

# SPECIFICATIONS(GM9000iE)

---

Model	GM9000iE
Running Watts	7600W
Starting Watts	9000W
AC Rated Voltage	120/240V
AC Rated Frequency	60 Hz
AC Phase	Single
DC Voltage	5V
DC Amperage	3.1A
Engine Type	Horizontal Single Cylinder 4-stroke, OHV
Cooling System	Forced air cooled
Displacement	458cc
Starting Type	Electric
Fuel Tank Capacity	6.9 US Gal. (26L)
Oil Capacity	37.2 fl.oz. (1.1L)
Run Time @ 50% (Gasoline)	11 hr.
Sound Level at 23 feet, 25% load	<62db
Grounding System	Neutral Bonded To Frame

# SPECIFICATIONS(GM9000iED)

---

Model	GM9000iED
Running Watts (GAS)	7600W
Running Watts (LPG)	7200W
Starting Watts (GAS)	9000W
Starting Watts (LPG)	8550W
AC Rated Voltage	120/240V
AC Rated Frequency	60 Hz
AC Phase	Single
DC Voltage	5V
DC Amperage	3.1A
Engine Type	Horizontal Single Cylinder 4-stroke, OHV
Cooling System	Forced air cooled
Displacement	458cc
Starting Type	Electric
Fuel Tank Capacity	6.9 US Gal. (26L)
Oil Capacity	37.2 fl.oz. (1.1L)
Run Time @ 50% (Gasoline)	11 hr.
Run Time @ 50% (LPG)	8 hr. (5 Gallon)
Sound Level at 23 feet, 25% load	<62db
Grounding System	Neutral Bonded To Frame