



## OPERATOR'S MANUAL

CM04143N

# GENERATOR



120V AC & 12V DC, 1850W



### IMPORTANT: READ OPERATOR'S MANUAL BEFORE USING

Manufactured in China

For Customer Service Call Toll Free: 1-855-900-2653

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## SAFETY GUIDELINES: READ THIS MANUAL THOROUGHLY

If any portion of this manual is not understood, contact the toll free Coleman® Customer Service line at 1-855-900-2653 for starting, operating and servicing procedures.

The operator is responsible for proper and safe use of the equipment. We strongly recommend that the operator read this manual and thoroughly understand all instructions before using the equipment. We also strongly recommend instructing other users to properly start and operate the unit. This prepares them if they need to operate the equipment in an emergency.

The generator can operate safely, efficiently and reliably only if it is properly located, operated and maintained. Before operating or servicing the generator:

- Become familiar with and strictly adhere to all local, state and national codes and regulations.
- Study all safety warnings in this manual and on the product carefully.
- Become familiar with this manual and the unit before use.

The manufacturer cannot anticipate every possible circumstance that might involve a hazard. The warnings in this manual, and on tags and decals affixed to the unit are, therefore, not all inclusive. If using a procedure, work method or operating technique that the manufacturer does not specifically recommend, ensure that it is safe for others. Also make sure the procedure, work method or operating technique utilized does not render the generator unsafe.

THE INFORMATION CONTAINED HEREIN WAS BASED ON MACHINES IN PRODUCTION AT THE TIME OF PUBLICATION. WE RESERVE THE RIGHT TO MODIFY THIS MANUAL AT ANY TIME.

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### SAFETY RULES

Throughout this publication, and on tags and decals affixed to the generator, DANGER, WARNING, CAUTION and NOTE blocks are used to alert personnel to special instructions about a particular operation that may be hazardous if performed incorrectly or carelessly. Observe them carefully. Their definitions are as follows:

#### **DANGER!**

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

#### **WARNING!**

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

#### **CAUTION!**

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

#### **NOTE:**

Notes contain additional information important to a procedure and will be found within the regular text body of this manual.

These safety warnings cannot eliminate the hazards that they indicate. Common sense and strict compliance with the special instructions while performing the action or service are essential to preventing accidents.

Four commonly used safety symbols accompany the **DANGER**, **WARNING** and **CAUTION** blocks. The type of information each indicates is as follows:

 This symbol points out important safety information that, if not followed, could endanger personal safety and/or property of others.

 This symbol points out potential explosion hazard.

 This symbol points out potential fire hazard.

 This symbol points out potential electrical shock hazard.

### **EXHAUST & LOCATION HAZARDS**

- Never operate in an enclosed area or indoors! **NEVER** use in the home, or in partly enclosed areas such as garages, even if doors and windows are open! **ONLY** use outdoors and far from open windows, doors, vents, and in an area that will not accumulate deadly exhaust.

 <b>DANGER</b>	
<b>Using a generator indoors CAN KILL YOU IN MINUTES.</b> <b>Generator exhaust contains carbon monoxide. This is a poison you cannot see or smell.</b>	
 <b>NEVER use inside a home or garage, EVEN IF doors and windows are open.</b>	 <b>Only use OUTSIDE and far away from windows, doors, and vents.</b>

- The engine exhaust fumes contain carbon monoxide, which you cannot see or smell. This poisonous gas, if breathed in sufficient concentrations, can cause unconsciousness or even death.
- Adequate, unobstructed flow of cooling and ventilating air is critical to correct generator operation. Do not alter the installation or permit even partial blockage of ventilation provisions, as this can seriously affect safe operation of the generator. The generator **MUST** be operated outdoors.
- This exhaust system must be properly maintained. Do nothing that might render the exhaust system unsafe or in noncompliance with any local codes and/or standards.
- The manufacturer recommends installing a battery operated carbon monoxide alarm indoors, according to the manufacturers instructions.
- If you start to feel sick, dizzy, or weak after the generator has been running, move to fresh air **IMMEDIATELY**. See a doctor, as you could have carbon monoxide poisoning.

## **FIRE HAZARDS**

- **Gasoline is highly FLAMMABLE and its vapors are EXPLOSIVE. Do not permit smoking, open flames, sparks or heat in the vicinity while handling gasoline.**
- **Never add fuel while unit is running or hot.** Allow engine to cool completely before adding fuel.
- **Never fill fuel tank indoors.** Comply with all laws regulating storage and handling of gasoline.
- **Do not overfill the fuel tank. Always allow room for fuel expansion.** If tank is over-filled, fuel can overflow onto a hot engine and cause FIRE or an EXPLOSION. Never store generator with fuel in tank where gasoline vapors might reach an open flame, spark or pilot light (as on a furnace, water heater or clothes dryer). FIRE or EXPLOSION may result. Allow unit to cool entirely before storage.
- Wipe up any fuel or oil spills immediately. Ensure that no combustible materials are left on or near the generator. Keep the area surrounding the generator clean and free from debris and keep a clearance of five (5) feet on all sides to allow for proper ventilation of the generator.
- Do not insert objects through unit's cooling slots.

### **CALIFORNIA PROPOSITION 65 WARNING**

Engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

### **CALIFORNIA PROPOSITION 65 WARNING**

This product contains or emits chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

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## **FUELING THE GENERATOR**

Use care when fueling the generator. Only fill the fuel tank when the generator has cooled entirely. Use fresh unleaded gasoline with a minimum Research Octane Number (RON) of 87.

### **NOTE:**

**Do not use any gasoline containing more than 10% Ethanol. NEVER fill the fuel tank with E85 or a mixture of oil and gasoline designated for two-cycle engines.**

### **DANGER!**



**Do not light a cigarette or smoke when filling the fuel tank.**



**Gasoline is highly FLAMMABLE and its vapors are EXPLOSIVE. Do not permit smoking, open flames, sparks or heat in the vicinity while handling gasoline.**



**Never fill fuel tank indoors. Never fill fuel tank when engine is running or hot. Avoid spilling gasoline on a hot engine. Allow engine to cool entirely before filling fuel tank.**



**Do not overfill the fuel tank. Always allow room for fuel expansion. If tank is over-filled, fuel can overflow onto a hot engine and cause FIRE or an EXPLOSION. Wipe up fuel spills immediately!**

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## SPECIFICATION

<b>GENERATOR</b>	Type	Single-phase, brushless
	Voltage	120V
	Peak Power	1,850W
	Rated Power	1,200W
<b>ENGINE</b>	Type	single-cylinder, 4-stroke, forced air cooling gasoline engine
	Displacement	79.5 cc
	RPM	3,600
	Fuel	Unleaded gasoline
	Oil	SAE 10W-30
	Oil capacity	13.5 oz. / 0.4 liters
<b>UNIT</b>	Fuel tank capacity	1.3-gallons / 4.9-liters
	Gas consumption	0.286 gallons/kw-hour / 1.08 liters/kw-hour
	Dimensions (L*W*H)	20.47 x 16.93 x 20.87 in.
	Noise	<=64dB(A)
	Net weight	62.00 lbs / 28.15 kg

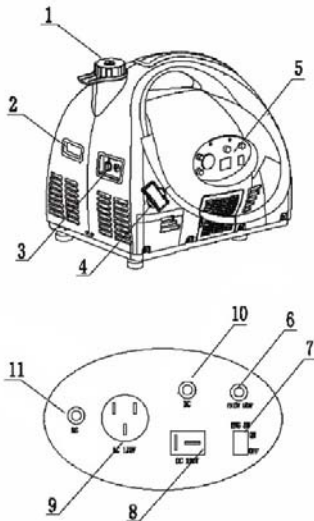
Power output and runtime are influenced by many factors, some of which are fuel quality, ambient temperature and engine condition. Output decreases approximately 3.5% for each 1,000 feet above sea level and 1% for every 10° above 60°F.

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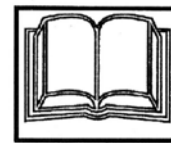
Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

### DESCRIPTION

This generator is powered by an air-cooled, four-stroke, OHV engine.



1. Fuel tank cap
2. Carburetor choke lever
3. Fuel petcock
4. Starting handle
5. Fuel petcock
6. Pilot lamp
7. Engine ignition switch
8. DC output socket
9. AC output socket
10. DC overload protector
11. AC overload protector



### UNPACKING

When unpacking the generator, carefully inspect for any damage that may have occurred during shipment. Make sure any loose fittings, bolts, etc., are tightened before putting unit into service.

### GENERAL SAFETY

1. Before starting or servicing any generator, read and understand all instructions. Failure to follow safety precautions or instructions can cause equipment damage and/or serious personal injury. Retain all manuals for future reference.

2. Never use this generator for any application other than that specified by the manufacturer. Never operate this generator under conditions not approved by the manufacturer. Never attempt to modify this generator to perform in any manner not intended by the manufacturer.

3. For maintenance and repairs, use only products and parts recommended by the manufacturer.

4. Be sure that the generator is properly grounded to an external ground path prior to operation. Refer to the section entitled "Grounding Instructions" for proper grounding procedures.

5. Be sure that the generator is operated only by persons who have read and understand these instructions.

6. Be sure that the generator is placed on a flat level surface prior to and during operation. The generator must not slide or shift during operation.

7. Keep all persons away from the generator during operation.

#### **WARNING**

Do not operate this generator on wet surfaces or in the rain.

8. Do not allow persons wearing loose clothing or jewelry to start or operate the generator. Loose clothing or jewelry may become entangled in

## 1,850W PORTABLE GASOLINE GENERATOR

moving components causing equipment damage and/or personal injury.

9. While in operation, keep all persons away from the immediate area surrounding your generator.

10. Be sure all powered devices are shut off prior to connecting them to the generator.

11. Keep the generator clean and well maintained at all times.

12. Be sure that all tools and appliances are in good repair and are properly grounded. Use devices that have three prong power cords. If a extension cord is used, be sure that it has three prongs for proper grounding.

13. Never operate the generator with damaged, broken or missing parts. DO NOT operate the generator while any of the protective shrouds or guards are removed.

14. Do not refill the fuel tank while the engine is running. Use precautions to prevent fuel spillage during refills. Be sure the fuel tank cap is securely in place before starting the engine. Allow engine to cool for at least two minutes before refueling.

15. Be sure to store gasoline in clean containers that do not contain water, dirt or rust because this will cause the engine to shut down.

### **WARNING**

**Never operate this generator in an explosive atmosphere, inside your home or basement, or any other poorly ventilated area.**

### **CAUTION**

**Shut off the generator engine and disconnect the spark plug wire before performing any service or maintenance to the unit.**

## OPERATION

### PRE-OPERATION

1. Check fuel level before starting your generator. Always use clean, unleaded, mid-to-premium grade gasoline for best results. Do not overfill and allow some space at the top of the tank for expansion.

### **CAUTION**

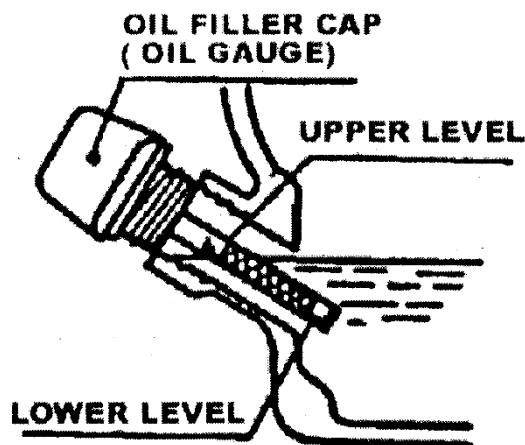
**We recommend that you use unleaded fuel because it produces fewer engine and spark plug deposits and extends the life of exhaust system components. Using lower octane gasoline can cause persistent “pinging” or heavy “spark knock” which, if severe, can lead to engine damage. If “spark knock” or “pinging” occurs at a steady engine speed under normal load, change brands of gasoline.**

2. Check oil level before starting the engine. The oil level should be positioned between the lower and upper marks of the oil fill cap shown on Page 4.

Never operate your generator under these conditions:	Operate your generator only after you have:
<ol style="list-style-type: none"><li>1. Rain or inclement weather</li><li>2. Excessive vibration</li><li>3. Sparking</li><li>4. Electric output loss</li><li>5. Changing or fluctuating engine speed</li><li>6. Overheating in connected equipment</li><li>7. Damaged receptacles</li><li>8. Engine misfire</li><li>9. Damaged, broken or missing parts</li><li>10. Shrouds/guards removed</li></ol>	<ol style="list-style-type: none"><li>1. Read and understand these instructions</li><li>2. Clear immediate area of all persons</li><li>3. Properly grounded the generator</li><li>4. Properly grounded any tools or appliances that you'll be operating</li><li>5. Placed the generator on a flat, level surface</li><li>6. Placed the generator in a well-ventilated area</li><li>7. A 10-gauge copper wire</li></ol>

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Oil Capacity: 13.5 oz. / 0.4 liters



### **CAUTION**

- The generator is shipped from the factory without oil in the engine crankcase.
- Engine oil is a major factor affecting engine performance and service life. Detergent oils and vegetable oils are not recommended.
- Use premium quality 4-stroke motor oil. Do not add commercial additives to the recommended oil and do not mix gasoline with the oil.
- SAE 10W-30 is recommended for general, all-temperature use.

3. Only after the generator has stabilized and is running smoothly should an appliance or tool be plugged into the AC outlet of the generator.

### **GROUNDING**

1. Use the ground terminal on the generator to connect the unit to a suitable ground source. Securely fasten the end terminal of the ground wire to the ground terminal on the generator.



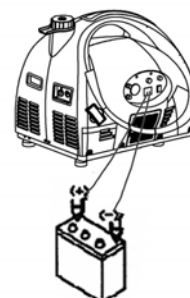
2. A 10-gauge copper wire should be used to connect the ground terminal of the generator to the grounding rod. A wire that is too thin may not provide sufficient electrical current carrying capacity to be an adequate ground path.

3. The other end of the ground wire must be securely fastened to an approved ground source. Refer to the local regulations for ground source information. If not sure of regulations or procedures, obtain assistance from a qualified (licensed or certified) electrical technician.

### **DC APPLICATION**

1. The DC output is designed for charging a 12-volt battery only.

2. The "+" (positive) terminal or the battery must be connected to the DC "+" terminal on the generator, and the "-" (negative) terminal of the battery must be connected to the DC "-" terminal on the generator.



### **STARTING**

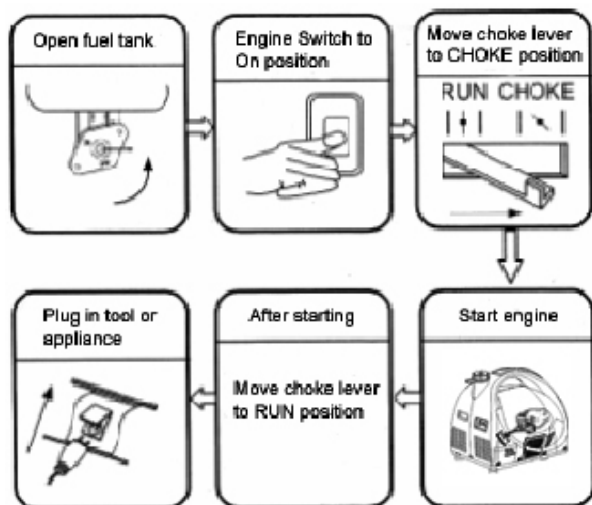
1. Remove all electrical loads from the generator.
2. Set the fuel switch to the open (ON) position.
3. Turn the engine switch in "ON" position.
4. Move the choke/run lever to the choke position.
5. Pull the starter rope with a brisk smooth motion.
6. Return choke/run lever to the switch to the run position.
7. After starting the generator, allow the engine to run for 2-3 minutes to stabilize before applying a load.

### **CAUTION**

**NEVER** attempt to modify or adjust either the engine speed or the output voltage of your generator when it works normally.



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### ENGINE BREAK-IN

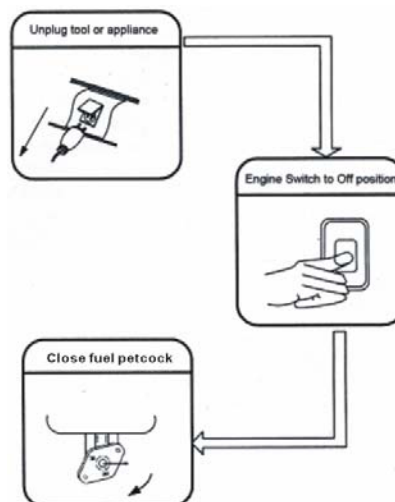
The break-in period for the generator's engine is the first 25 hours of operation. During this timeframe, DO NOT exceed 75% of the generator's load limit. In other words, the maximum load during this break-in period should be no more than 700 watts.

### CAUTION

**ALWAYS** check the oil level before starting. When checking the oil, screw in the dipstick slowly until it bottoms. If running the generator for extended periods of time, check the oil level every eight hours or at least daily. Change oil after the first 8 hours of operation; thereafter, change the oil every 50 hours of operation. If operating the generator under heavy load or in high ambient temperature, change the oil every 25 hours of operation.

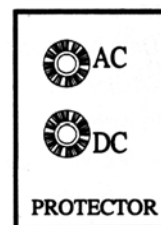
### GENERATOR SHUTOFF

1. Remove all electrical load devices from the generator.
2. Allow the engine to run for 2-3 minutes with no electrical load.
3. Turn engine switch off. This will stop the engine.
4. Set the fuel switch to closed (OFF) position.
5. Verify that the generator has completely stopped.
6. Allow the unit to cool before placing in storage.



### LOAD AND PROTECTOR

1. Total combined load through any combination of receptacles must not exceed rated power of generator.
2. Reduce load if AC protector or DC protector (circuit breaker) turns off. Press button to reset.



### NOTE:

Power draw can be calculated by multiplying volts and amps. The resulting number is wattage. Never exceed the posted maximum wattage for the generator or any individual receptacle. Refer to owner's manuals and product tags to determine the wattage of electrical load devices. Long power cords and extension cords draw additional power. Keep cord lengths at a minimum.

### ESTIMATED POWER USAGE

Load Device	Watts	Load Device	Watts
Computer	300	Hand Vacuum	500
CD Player	100	Power Drill	500
VCR	100	Hedge Trimmer	500
Radio	100	Weed Whip	500
Television	300	Coffee Maker	1200
Microwave	800	Outdoor Lights	75-150
Blender	800	Bug Light	50
Receiver	420	Slower Cooker/Frying Pan	200

### OIL WARNING SYSTEM

If the engine oil level reaches an unsafe operating level, the engine will stop automatically to prevent overheating. Fill oil to a proper level.

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### MAINTENANCE

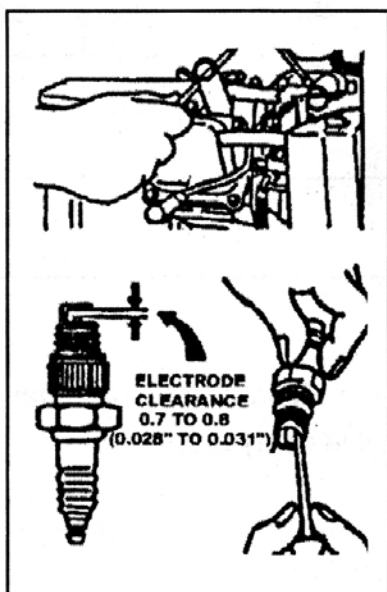
#### INFREQUENT USAGE

If the generator is used infrequently, starting difficulties may occur. To help prevent this from happening, the generator should be started and run for approximately 30 minutes each week.

#### STORAGE

If the generator is not going to be used for an extended period of time, the following procedures should be performed:

1. Drain all fuel from the tank, lines, and carburetor.
2. Drain oil while the engine is still warm.
3. Remove spark plug. Clean off any carbon deposits. Check for discoloration - plug should be tan in color. Check the gap, it should be 0.7-0.8mm.

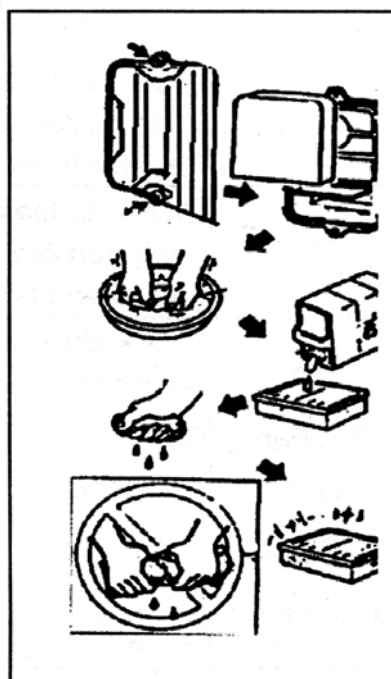


4. Pour approximately one teaspoon of oil into spark plug hole.

5. Pull starter cord several times to spread the oil throughout the cylinder.

6. Slowly pull the starter cord until resistance is left. This indicates that the piston is moving upward on the compression cycle, and the intake and exhaust valves are closed. The piston pushes a small amount of air from the spark plug hole on compression.

7. Remove air filter from the generator, gently wash in kerosene and let dry. Pour small amount of motor oil onto clean air filter, gently squeeze filter to uniformly distribute the oil, blot excess motor oil from air filter (do not twist filter), and replace the air filter.



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### MAINTENANCE SCHEDULE

Part	Item	Before every starting	First month or 20 hours	Every 3 months or 50 hours	Every 6 months or 100 hours	Every 12 Months or 300 hours
Spark plug	Check condition, adjust gap and clean. Replace or fill if necessary			•		
Oil	Check oil level. Replace or fill if necessary.	•				
Valve Clearance	Check and adjust					• (1)
Fuel Line	Check fuel hose for crack or damage. Replace if necessary.	•				
Exhaust System	Check for leakage. Retighten or replace gasket and bolts.	•				
Carburetor	Check choke lever operation.	•				
Cooling Fan	Check for damage.					•
Starting System	Check starter operation.	•				
Air Cleaner	Check and clean the element.			• (2)		
Generator Bolts	Check and tighten.				•	

(1) Valve clearance: Intake 0.13-0.20mm; exhaust 0.13-0.20mm

(2) Service more frequently when used in dusty areas.

## 1,850W PORTABLE GASOLINE GENERATOR

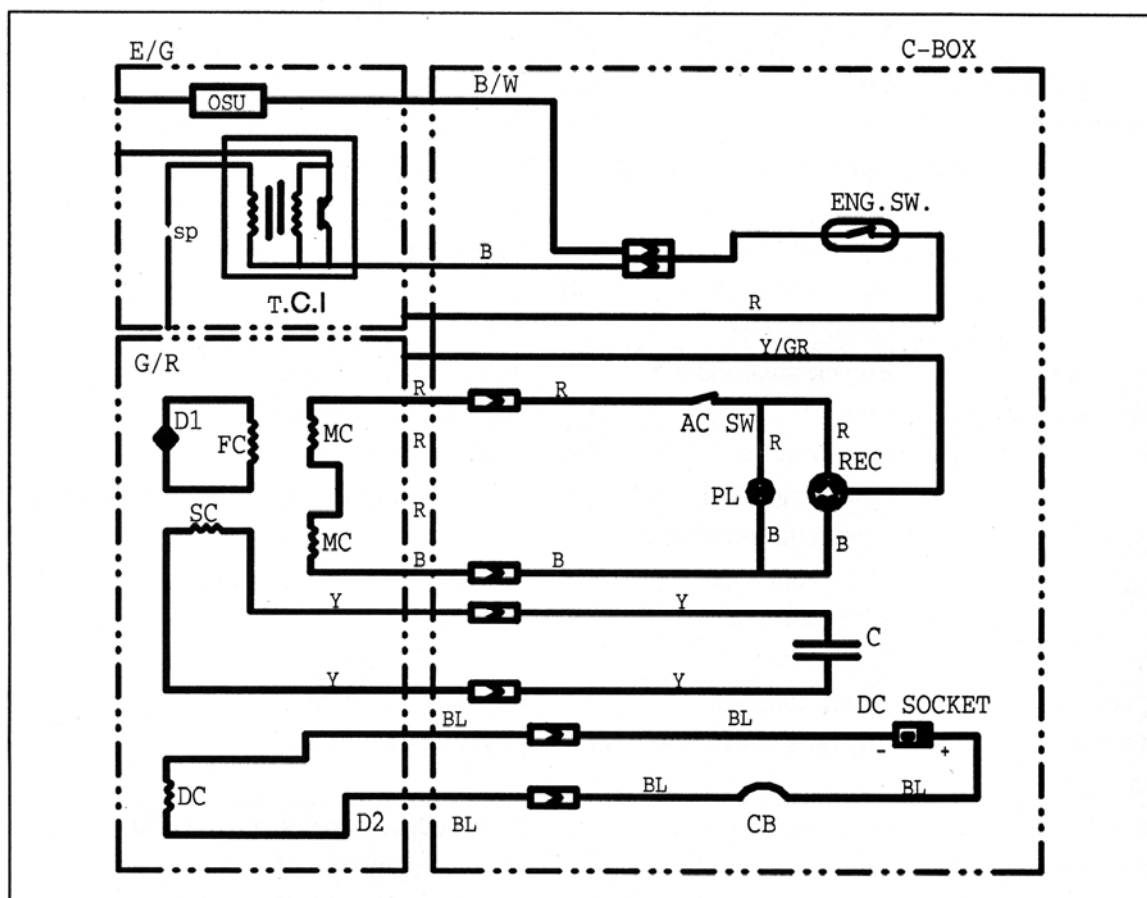
### TROUBLESHOOTING

Problem	Possible Cause	Corrective Action
Zero output from receptacles	1. Engine speed is too slow	1. Adjust engine speed(ask repair shop for help)
	2. Open or shorted wiring	2. Clean and reconnect all wiring
	3. Faulty capacitor	3. Replace capacitor
	4. Open/ shorted rotor or stator windings	4. Test wiring resistance, replace winding if necessary
	5. Open rectifier	5. Test rectifier, replace if necessary
Low output voltage with no load	1. Engine speed is too slow	1. Adjust engine speed(ask repair shop for help)
	2. Open rectifier	2. Test rectifier, replace if necessary
	3. Faulty capacitor	3. Replace capacitor
	4. Open/shorted rotor or stator windings	4. Test winding resistance, replace winding if necessary
	5. Alternator not magnetized	5. Re-magnetize the alternator
High output voltage with no load	1. Faulty capacitor	1. Replace capacitor
	2. Engine speed is too fast	2. Adjust engine speed
Low output voltage under load	1. Open rectifier	1. Test rectifier, replace if necessary
	2. Engine speed is too low at full load	2. Adjust engine speed(ask repair shop for help)
	3. Excessive load applied	3. Reduce the applied load
Erratic output voltage	1. Dirty, corroded, or loose wiring connection	1. Referring to the wiring diagram, clean and reconnect all wiring
	2. Unbalanced load applied	2. Remove all loads, then apply each one individually to determine which one is causing erratic output.
Noisy operation	1. Loose generator or engine bolt	1. Tighten all mountings
	2. Short circuit in generator field or load	2. Test winding resistance, replace field winding if necessary; Test load devices for shorts. Replace defective load device
	3. Faulty bearing	3. Replace bearing
Engine won't start	1. No fuel	1. Check fuel
	2. Fuel switch is in closed position	2. Place fuel switch in open position
	3. Engine switch is in closed position	3. Place engine switch in open position
	4. Spark plug dirty or wrong gap	4. Clean spark plug. Adjust gap, replace if necessary
	5. Low cylinder compression	5. Check cylinder for leakage

**Note:** If the user is not comfortable performing any of the corrective actions mentioned in the Troubleshooting table, please seek the assistance of your local small engine repair shop.

## 1,850W PORTABLE GASOLINE GENERATOR

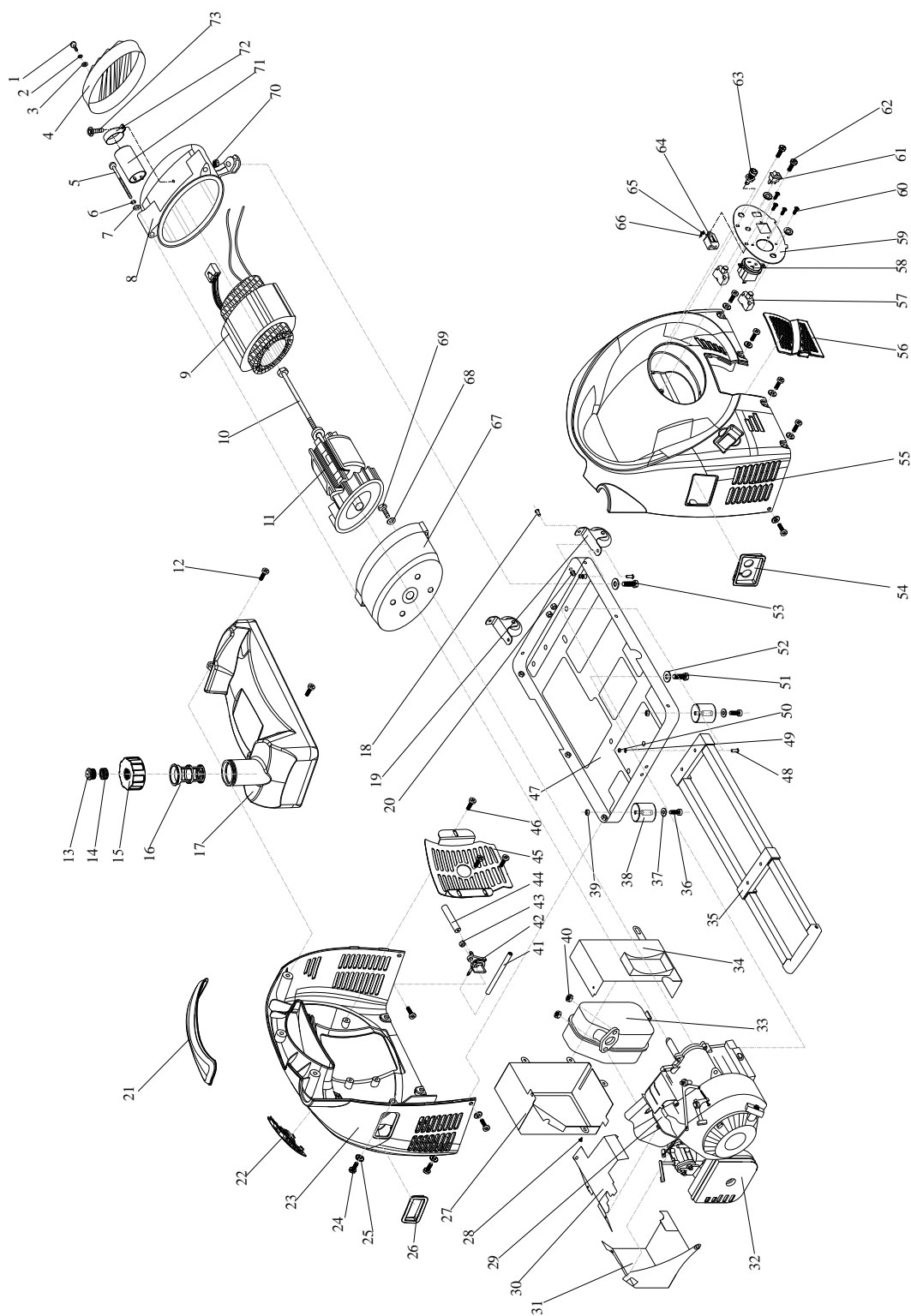
### WIRING DIAGRAM



E/G	ENGINE	MC	AC WINDING	B/W	BLACK AND WHITE
OSU	OIL SENDING UNIT	SC	AUXILIARY WINDING	B	BLACK
SP	SPARK PLUG	DC	CHARGING WINDING	GR	GREEN
G/R	GENERATOR	PL	PILOT LAMP	R	RED
D1/D2	RECTIFIER	REC	AC SOCKET	Y	YELLOW
AC SW	AC PROTECTOR	CB	DC PROTECTOR	B/R	BLACK AND RED
FC	FIELD WINDING	ENG.SW.	ENGINE SWITCH	BL	BLUE

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## EXPLODED VIEW



## 1,850W PORTABLE GASOLINE GENERATOR

### PARTS LIST

Part	Description	Spec	Qty	Part	Description	Spec	Qty
1	Cross Screw	M5×10	2	38	Rubber pad	φ30×60	2
2	Spring Washer	GB93 φ5	2	39	Flange Nut	M8	2
3	Washer	GB95 φ5	2	40	Flange Nut	M8	2
4	Cover	φ160	1	41	Out-fuel pipe	φ4×8×180	1
5	Hexangular Bolt	M5×30	4	42	Fuel petcock		1
6	Spring Washer	GB93 φ5	4	43	Nut	M6	1
7	Washer	GB95 φ5	4	44	In-fuel pipe	Z type	1
8	Rear Cover, motor	φ160	1	45	Muffler exhaust cover		1
9	Stator	φ160	1	46	Cross Screw	M6×12	3
10	Flange Bolt	M8×170	1	47	Base plate		1
11	Rotor	1000W	1	48	Cross Screw	M6×16	4
12	Cross Screw	M6×12	4	49	Washer	GB95 φ6	4
13	Nut	M21×2	1	50	Nut	M6	4
14	Breath Stomata	φ20×15	1	51	Hexangular Bolt	M8×20	2
15	Fuel cap		1	52	Washer	GB/T96 ø8	4
16	Filter Basket	φ38×60	1	53	Hexangular Bolt	M8×25	2
17	Fuel tank	1.3 gal	1	54	Petcock Install Sit		1
18	Cross Screw	M6×15	2	55	Fore shroud		1
19	Wheel Subassembly		2	56	Oil inspecting top		1
20	Flange Nut	M6	2	57	Circuit breaker	10A 250V	2
21	Handle Cover		1	58	AC Outlet	15A 125V	1
22	Spark plug inspecting		1	59	Control Panel		1
23	Back Shroud		1	60	Cross Screw	M3×16	4
24	Cross Screw	M6×25	1	61	Engine switch		1
25	Washer	GB95 φ6	1	62	Self-tapping Screw	ST4.2×15	2
26	Choke Cover		1	63	Pilot lamp	Green	1
27	Muffler guided cover	outside	1	64	DC Outlet	12V	1
28	Cross Screw	M6×16	4	65	Washer	GB95 φ3	4
29	Engine	152F	1	66	Hexangular Nut	M3	4
30	Cylinder head guided cover(up)		1	67	Fore cover, motor		1
31	Cylinder head guided cover(down)		1	68	Spring washer	GB93 φ8	4
32	Air filter cover		1	69	Hexangular Bolt	M8×20	4
33	Muffler	04143	1	70	Flange Nut	M8	2
34	Muffler guided cover	inside	1	71	Capacitor	AC 15 μF 350V	1
35	Telescopic handle		1	72	Capacitor mount		1
36	Hexangular Bolt	M8×45	2	73	Flange Bolt	M5×12	1
37	Washer	GB95 φ8	2				

## **“ONE YEAR” LIMITED WARRANTY**

For a period of one year from the date of original sale, Alton Industry Ltd. warrants its generators will be free from defects in materials and workmanship for the items and period set forth below. Alton will, at its option, repair or replace any part which, upon examination, inspection and testing by Alton or our authorized Coleman Customer Service Department is found to be defective. If you feel you have a defective product, please call Coleman's Customer Service Department at 1-855-900-2653 for further instructions. Do NOT return this machine to the store. You must have a copy of your original receipt with proof of date-of-purchase. Save your proof-of-purchase receipt. If you do not provide proof of the initial purchase date, the manufacturer's shipping date of the product will be used to determine the warranty period. Any equipment that the purchaser/owner claims to be defective must be returned to and examined by the Coleman Customer Service Department. All transportation costs under the warranty, including return to the factory, are to be borne and prepaid by the purchaser/owner. This warranty applies only to Coleman® portable generators and is not transferable from original purchaser.

## **WARRANTY SCHEDULE**

Consumer applications are warranted for one year.

### **CONSUMER APPLICATION**

**YEAR ONE** - 100% (one hundred percent) coverage on Labor and Part(s) listed (proof of purchase and maintenance is required):

- Engine- All Components
- Alternator- All Components

### **COMMERCIAL/RENTAL APPLICATION**

**90 DAY** - 100% (one hundred percent) coverage on Labor and Part(s) listed (proof of purchase and maintenance is required):

- Engine- All Components
- Alternator- All Components

**NOTE:** For the purpose of this warranty “consumer use” means personal residential household or recreational use by original purchaser. This warranty does not apply to units used for Prime Power in place of utility where utility power service is present or where utility power service does not normally exist. Once a generator has experienced commercial or rental use, it shall thereafter be considered a non-consumer use generator for the purpose of this warranty.

All warranty expense allowances are subject to the conditions defined in Alton's Warranty Policies, Procedures and Flat Rate Manual.

## **THIS WARRANTY SHALL NOT APPLY TO THE FOLLOWING:**

- Coleman portable generators that utilize non-Coleman replacement parts.
- Costs of normal maintenance and adjustments.
- Failures caused by any contaminated fuels, oils or lack of proper oil levels.
- Repairs or diagnostics performed by individuals not authorized in writing by Coleman's Customer Service Department.,
- Failures due, but not limited, to normal wear and tear, accident, misuse, abuse, negligence or improper use. As with all mechanical devices, the Coleman engines need periodic part(s) service and replacement to perform as designed. This warranty will not cover repair when normal use has exhausted the life of a part(s) or engine.
- Failures caused by any act of God or other force beyond the manufacturer's control.
- Damage related to rodent and/or insect infestation.
- Products that are modified or altered in a manner not authorized by Alton in writing.
- Any incidental, consequential or indirect damages caused by defects in material or workmanship, or any delay in repair or replacement of the defective part(s).
- Failure due to misapplication.



- Telephone, cellular phone, facsimile, internet access or other communication expenses.
- Living or travel expenses of person(s) performing service, except as specifically included within the terms of a specific unit warranty period.
- Expenses related to "customer instruction" or troubleshooting where no manufacturing defect is found.
- Rental equipment used while warranty repairs are being performed.
- Overnight freight or special shipping costs for replacement part(s).
- Overtime, holiday or emergency labor.
- Starting batteries, fuses, light bulbs and engine fluids.

THIS WARRANTY IS IN PLACE OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, SPECIFICALLY, ALTON INDUSTRIES MAKES NO OTHER WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Any implied warranties which are allowed by law, shall be limited in duration to the terms of the express warranty provided herein. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to purchaser/owner.

ALTON INDUSTRIES ONLY LIABILITY SHALL BE THE REPAIR OR REPLACEMENT OF PART(S) AS STATED ABOVE. IN NO EVENT SHALL ALTON INDUSTRIES BE LIABLE FOR ANY INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF SUCH DAMAGES ARE A DIRECT RESULT OF ALTON INDUSTRIES, INC. NEGLIGENCE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to purchaser/owner. Purchaser/owner agrees to make no claims against ALTON INDUSTRIES, Inc. based on negligence. This warranty gives purchaser/owner specific legal rights. Purchaser/owner also may have other rights that vary from state to state.

#### **COLEMAN CUSTOMER SERVICE**

**1-855-900-2653**

**[www.altonindustries.com](http://www.altonindustries.com)**

**Alton Industry Ltd. Group  
1031 North Raddant Road  
Batavia, IL 60510**

**Coleman® Customer Service Dept.  
3580 East Raines Road, Suite 1  
Memphis, TN 38118**