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Ducar DG11050E

Ducar DG11050E Gasoline Generator User Manual

1. INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your Ducar DG11050E Gasoline Generator. Please read this manual thoroughly before operating the generator to ensure proper use and to prevent injury or damage.

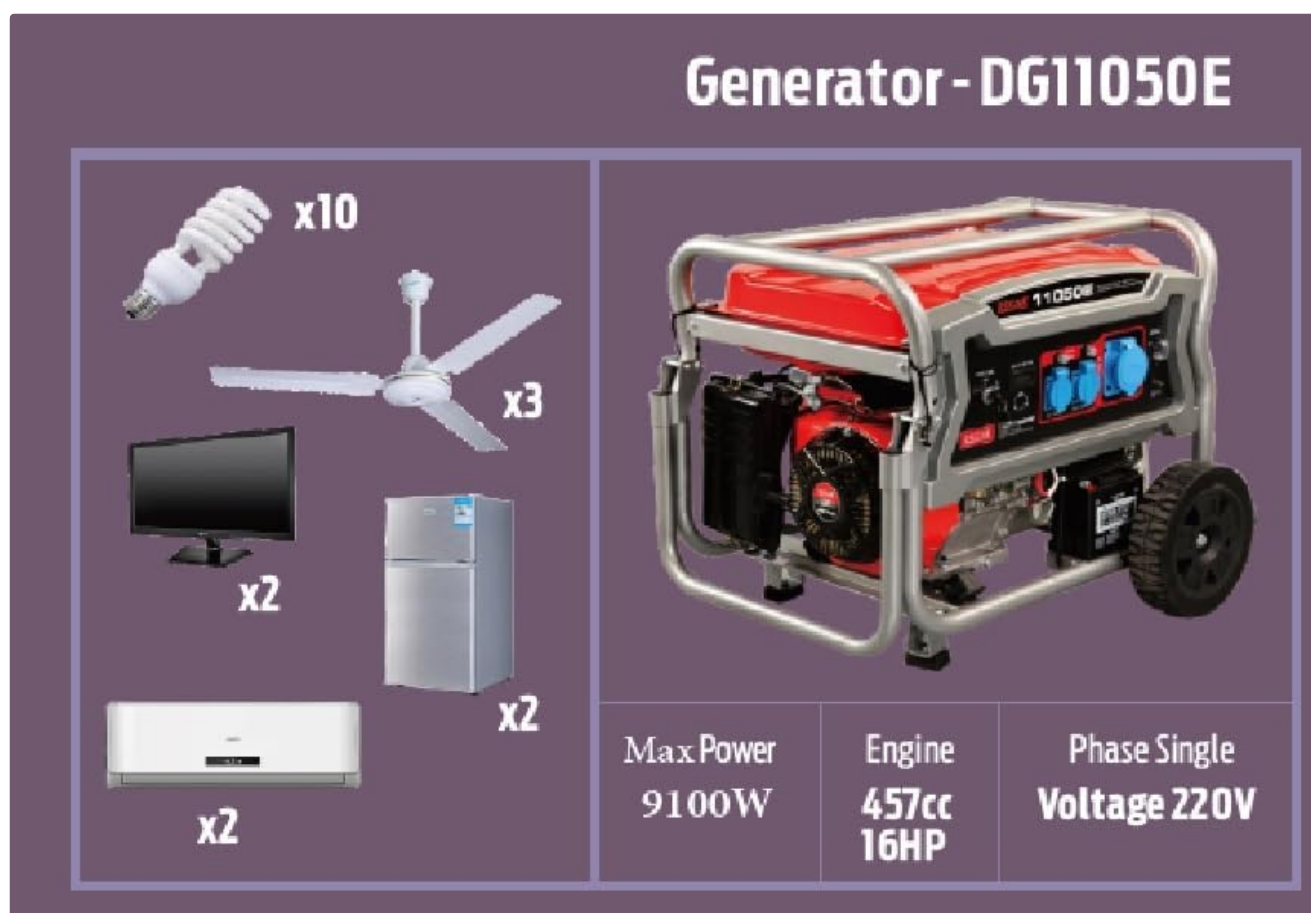


Figure 1: The Ducar DG11050E generator is capable of powering multiple household appliances simultaneously, such as 10 light bulbs, 3 ceiling fans, 2 televisions, 2 refrigerators, and 2 air conditioners, demonstrating its robust output capacity.

2. SAFETY INFORMATION

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

- **Carbon Monoxide Hazard:** Generators produce carbon monoxide, a colorless, odorless, poisonous gas. Operate the generator outdoors in a well-ventilated area, far from windows, doors, and vents. Never operate indoors or in enclosed spaces.
- **Fire Hazard:** Gasoline is highly flammable. Refuel in a well-ventilated area with the engine off and cool. Do not smoke or use open flames near the generator. Store fuel in approved containers.
- **Electrical Shock Hazard:** Do not operate the generator in wet conditions. Ensure all electrical connections are secure and dry. Never connect the generator directly to a home's electrical system without a transfer switch installed by a qualified electrician.
- **Hot Surfaces:** The generator engine and muffler become very hot during operation and remain hot for some time after shutdown. Avoid contact to prevent burns.
- **Children and Pets:** Keep children and pets away from the generator at all times.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Ducar DG11050E Gasoline Generator Unit
- User Manual (this document)
- 2 Units UK Power Plug
- 1 Unit EU Power Plug
- Battery Charging Cable
- Key for Spark Plug

4. SETUP

Before starting the generator, perform the following setup steps:

4.1 Unpacking and Placement

Carefully remove the generator from its packaging. Place the generator on a firm, level surface outdoors, ensuring adequate ventilation and clearance from combustible materials.



Figure 2: The Ducar DG11050E generator features a sturdy frame and wheels for easy transport and positioning.

4.2 Add Engine Oil

The generator is shipped without engine oil. Add 1.6 liters of recommended engine oil (e.g., SAE 10W-30) to the oil fill port. Do not overfill. Check the oil level using the dipstick.

4.3 Add Fuel

Ensure the generator is off and cool. Fill the 25-liter fuel tank with fresh, unleaded gasoline. Do not fill above the red indicator in the fuel tank. Securely close the fuel cap.

4.4 Connect Battery (for Self-Start Models)

If your model includes self-start, connect the battery terminals according to the markings (+ to + and - to -). Ensure connections are tight.

5. OPERATING INSTRUCTIONS

Follow these steps to safely operate your generator:



Figure 3: The control panel of the Ducar DG11050E generator, featuring essential controls and indicators for operation.

5.1 Starting the Generator

1. Ensure the generator is on a level surface and all electrical loads are disconnected.
2. Turn the fuel valve to the "ON" position.
3. Move the choke lever to the "CHOKE" position (if the engine is cold).
4. **For Hand-Start:** Pull the recoil starter handle firmly and smoothly until the engine starts.
5. **For Self-Start:** Turn the engine switch to the "START" position and hold until the engine starts. Release the key once started.
6. Once the engine starts, gradually move the choke lever to the "RUN" position.
7. Allow the engine to warm up for a few minutes before connecting electrical loads.

5.2 Connecting Electrical Loads

Connect your appliances or extension cords to the appropriate AC outlets on the control panel. Do not exceed the generator's rated output of 8300W or maximum output of 9100W. Monitor the voltmeter to ensure stable operation.

5.3 Stopping the Generator

1. Disconnect all electrical loads from the generator.
2. Allow the generator to run for a few minutes without load to cool down.

- 3. Turn the engine switch to the "OFF" position.
- 4. Turn the fuel valve to the "OFF" position.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your generator.

6.1 Engine Oil Check and Change

- Check oil level before each use.
- Change oil after the first 20 hours of operation, then every 100 hours or annually.

6.2 Air Filter Cleaning

Inspect the air filter every 50 hours of operation or more frequently in dusty conditions. Clean or replace as necessary.

6.3 Spark Plug Inspection

Inspect the spark plug every 100 hours. Clean or replace if fouled or damaged. Ensure proper gap.

6.4 Storage

For extended storage, drain the fuel tank and carburetor, or add a fuel stabilizer. Remove the spark plug and add a small amount of engine oil into the cylinder, then pull the recoil starter a few times to distribute the oil. Clean the exterior of the generator.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not start	No fuel; Low oil level; Choke not set; Spark plug issue; Engine switch OFF	Add fuel; Add oil; Adjust choke; Inspect/replace spark plug; Turn engine switch ON
No power output	Circuit breaker tripped; Overload; Loose connections	Reset circuit breaker; Reduce load; Check connections
Engine runs rough	Stale fuel; Dirty air filter; Fouled spark plug	Drain and replace fuel; Clean/replace air filter; Clean/replace spark plug

8. SPECIFICATIONS

Feature	Detail
Model	DG11050E
Rated Output	8300W
Maximum Output	9100W
Engine Type	Single Cylinder, 4 Stroke, Forced Cooling, OHV
Displacement	457CC



Feature	Detail
Starting System	Hand-start/Self-Start
Fuel Tank Capacity	25L
Fuel Consumption	5.7L/H
Continuous Running Time	7H (at rated load)
Oil Capacity	1.6L
Rated Frequency	60Hz
Item Dimensions (L*W*H)	800 x 555 x 590 mm (80L x 55.5W x 59H cm)
Weight	93 Kg
Manufacturer	CHONGQING DAJIANG POWER EQUIPMENT CO
Color	Red
Special Features	Portable

9. WARRANTY AND SUPPORT

This Ducar DG11050E Gasoline Generator comes with a manufacturer warranty for **90 days** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support or warranty inquiries, please contact your authorized dealer or the manufacturer directly.

Related Documents - DG11050E

 <p>Model: DLG4000iSE Digital Inverter Generator</p>	<p>Ducar DLG4000iSE Digital Inverter Generator User Manual</p> <p>Comprehensive user manual for the Ducar DLG4000iSE Digital Inverter Generator, covering safety, operation, maintenance, and troubleshooting for both gasoline and propane fuel sources.</p>
 <p>DUCAR Diagramme de pièces Parts diagram</p> <p>DG9250E & DG9250E HD Moteur Engine</p>	<p>DUCAR DG9250E & DG9250E HD Gasoline Engine Parts Diagram and List</p> <p>Comprehensive parts diagram and detailed spare parts list for DUCAR DG9250E and DG9250E HD gasoline engines, manufactured by MTI Canada. Includes part numbers, names, and quantities for engine assembly and maintenance.</p>



[DUCAR 9250W Generator DUEDG9250E Parts Manual](#)

Comprehensive parts manual for the DUCAR 9250W Generator (Model DUEDG9250E), detailing all components with product codes and quantities for maintenance and repair.



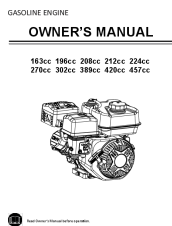
[DUCAR 44" Brush for DCS \(DUEDCS-BH44\) Parts Manual](#)

Detailed parts manual for the DUCAR 44" Brush attachment for DCS units (model DUEDCS-BH44). Includes assembly diagrams and part lists for easy identification and maintenance.



DUCAR Engine Operator's Manual: DJ and DH Series Models

This operator's manual provides essential information for DUCAR DJ series (DJ154F, DJ156F, DJ162F, DJ165F, DJ168F, DJ170F, DJ188F, DJ190F, DJ192F) and DH270 engines. It covers safety precautions, features, starting and stopping procedures, troubleshooting, maintenance, oil and fuel recommendations, and detailed specifications.



Ducar Gasoline Engine Owner's Manual: Operation, Maintenance, and Specifications

Comprehensive owner's manual for Ducar gasoline engines, covering operation, safety, maintenance schedules, troubleshooting, and specifications for models DH163 through DH457.