



# INSTRUCTIONS FOR: PORTABLE GENERATOR

## Models: HG50.25, HG55.28, HG80.44 & HG130.74

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

### 1. SAFETY INSTRUCTIONS

- WARNING! Ensure any Health & Safety, Government, or local authority regulations are adhered to when using this equipment.**
- ✓ Familiarise yourself with the application and limitations, as well as the potential hazards, of the generator.
- ✓ Ensure you read, understand and comply with the owner's manual for the Honda power unit.
- ✓ Maintain the generator in good condition (use an authorised service agent). Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ This generator is designed and manufactured for specific applications. Do not attempt to modify the unit or use it for any application for which it is not designed. If you have any questions regarding the application of the unit please contact your local Sealey dealer.
- WARNING! DO NOT exceed the Wattage/Amperage capacity of the generator.** Add rated wattage of all devices intended for connection at any one time, the total must not exceed rated wattage of generator (see specifications). In most cases the rated wattage of an electrical device can be found on the nameplate. If the nameplate only gives voltage and amperage, multiply the two to give rated wattage (Volts x Amps = Watts)
- WARNING! Generator exhaust gases contain deadly carbon monoxide which must not be inhaled. Always allow sufficient ventilation.**
- WARNING! If you decide to use an Earth Leakage Circuit Breaker (also referred to as an RCD or Ground Fault Circuit Interrupter), it is imperative that the neutral end of the power winding is connected to the frame of the generator set and that the earth lug on the frame is connected with a low impedance connector to the local earth via an earth spike or local protective earth conductor. This connection should only be attempted by a qualified electrician, after first having consulted your local dealer.**
- ▲ **DANGER! This generator is designed for outdoor use only. To use the generator inside any building or enclosure, including the generator compartment of a caravan, may result in fire or an explosion. No user performed modifications, including venting of the exhaust and/or cooling ventilation, will eliminate the danger.**
- ▲ **DANGER! If this unit is used for back-up power in the event of a commercial power failure, the following steps must be taken. Before connecting the generator to the electrical system, open the main circuit breaker to isolate the generator and system from the commercial electric supply. Failure to do this may result in damage to the generator and may result in serious injury or fatality, due to a back-feed of electrical energy.**
- ▲ **DANGER! The generator produces a very powerful voltage that can cause a severe electrical shock. Avoid contact with bare wires, terminals etc. Never allow any unqualified person to operate or service the generator.**
- WARNING! Petrol is highly flammable and petrol vapour is explosive. Do not permit smoking, naked flames, sparks or heat in the vicinity while handling petrol. Avoid spilling petrol onto a hot engine. Comply with all laws regulating storage and handling of fuels.**
- ✓ Operate the generator only on level surfaces and where it will not be exposed to excessive moisture, dirt or corrosive vapours or be in the proximity of combustible material (flammable liquids, solids or gases).
- ✓ Remove ill fitting clothing, ties, watches, rings and other loose jewellery and contain long hair. Wear appropriate protective clothing.
- ✓ Keep non-essential persons away from the working area.
- WARNING! Never start or stop the generator while electrical loads are connected and switched on. Start the engine, let it stabilise, then connect the electrical load. To stop engine, disconnect the electrical load and let engine stabilise before switching off.**
- WARNING! Do not use worn, bare, frayed or otherwise damaged electrical cables with generator. To do so may result in electric shock.**
- x **DO NOT** use the generator for any purpose other than that for which it is designed.
- x **DO NOT** operate the generator if any parts are missing or damaged, as this may cause failure and/or personal injury.
- x **DO NOT** over-fill fuel tank. Always leave room for fuel to expand.
- x **DO NOT** operate in the rain.
- ▲ **DANGER! Do not tamper with the engine governed speed setting. Higher operating speeds are dangerous and increase the risk of personal injury and/or equipment damage. The generator supplies the correct rated frequencies and voltage only when running at the correct governed speed. Incorrect frequency and/or voltage can damage some connected electrical loads. Operating at excessively low speeds may result in shortened engine life. Over-speeding will invalidate the warranty.**
- x **DO NOT** operate the generator when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- x **DO NOT** store generator with fuel in tank where petrol vapours might reach an open flame or spark.

### 2. INTRODUCTION & SPECIFICATIONS

These generators are powered by Honda OHC GC and OHV GX engines. The units offer a quiet and refined power delivery. In models HG50.25 and HG55.28 the power units are coupled to dual voltage brushless alternators. Models HG80.44 and HG130.74 have power industrial quality alternators and are for industrial or arduous applications.

#### SPECIFICATIONS

Model No.	HG50.25	HG55.28	HG80.44	HG130.74
Power Unit:	.5.0hp	.5.5hp	.8.0hp	.13hp
Motor Type	.Honda GC160	.Honda GC160	.Honda GX240	.Honda GX390
Output:	.230V/110V 50hz	.230V/110V 50hz	.230V/110V 50hz	.230V/110V 50hz
Current Rating:	.8.7A	.9.8A	.18.3A	.25A
Continuous Power Rating:	.2300W	.2520W	.3500W	.5800W
Fuel Tank Capacity:	.2.0l	.3.6l	.6.0l	.6.5l
Running time:	.3.15h	.3.8h	.4.15h	.2.75h
Noise Rating:	.96LWA	.96LWA	.99LWA	.99LWA
Dry Weight:	.30kg	.39kg	.58kg	.77kg

### 3. OPERATING INSTRUCTIONS

❑ **WARNING!** Before use, ensure you read, understand and comply with the Honda Engine Owner's Manual and the safety instructions in this document. Ensure you fully understand the application and limitations, as well as the potential hazards, of the generator.

#### 3.1. BEFORE STARTING THE GENERATOR

1. Ensure you have read the engine manual and all specification charts.
2. Fill engine to correct level with the specified grade of oil.
3. Check fuel level. Do not over-fill the fuel tank.
4. Ensure all electrical loads are disconnected.

#### 3.2. STARTING THE GENERATOR

1. Ensure you have performed all actions in 3.1. above.
2. Turn on fuel tap (if fitted).
3. Set choke to correct position. Note: If starting a warm engine, move the choke control to 'No Choke' position.
4. Set the engine 'Run' lever/switch to the 'On' or 'Run' position.
5. Grasp the recoil handle and pull rope slowly until some resistance is felt. Let rope rewind slowly, then pull with a rapid full arm stroke. Let rope slowly return.
6. When engine starts, move choke lever to half choke position until engine runs smoothly and then to 'No Choke' position.
7. If engine fails to start, repeat the procedure from 3.2.3. If it still will not start, refer to 'Trouble-Shooting' section. If necessary contact your authorised Sealey service agent.

#### 3.3. USING THE GENERATOR

1. Allow the engine to warm up (approximately 3 minutes).
2. Select the correct voltage output by adjusting the voltage selector switch (where fitted).
3. Connect the equipment to the generator socket. **WARNING! Do not exceed the wattage capacity of the generator.**
4. Always observe the safety instructions of the equipment being used.

#### 3.4. TO STOP THE GENERATOR

1. Disconnect the electrical load.
2. Allow the engine to stabilise.
3. Stop engine by moving the engine 'Run' lever/switch to 'Off' or 'Stop' position.
4. Turn off fuel tap (if fitted).

#### 3.5. STORAGE

If you store the generator for more than 30 days, use a fuel additive such as "STA-BIL", "Fuel Fresh", or equivalent to prevent fuel gum deposits from forming.  
Store the generator in a safe, dry, childproof area.

### 4. MAINTENANCE

#### 4.1. GENERATOR MAINTENANCE

Keep the unit clean and dry. A damp cloth may be used to wipe exterior surfaces clean. Use a soft brush to loosen caked dirt, then use a vacuum system to remove loosened dirt. Never use a forceful spray of water to clean the generator.

#### 4.2. ENGINE MAINTENANCE




Refer to the Engine Owner's Manual for periodic maintenance of the engine.  
In particular oil, air filter and spark plug must be changed regularly.  
All other maintenance must be carried out by qualified staff, contact your local Sealey service agent.

### 5. TROUBLESHOOTING

PROBLEM	CAUSE	ACTION	PROBLEM	CAUSE	ACTION
Engine will not start.	Fuel tap not turned on. No fuel in tank. Oil not filled to correct level. Engine run switch not turned on. Choke not set correctly. Spark plug fouled. Air cleaner blocked.	Turn fuel on. Fill fuel tank. Fill oil to correct level. Set engine control correctly. Set engine control correctly. Clean/replace spark plug. Clean/replace air filter.	No electrical output.	Voltage selector switch incorrectly positioned. Circuit breaker tripped.	Select the correct voltage. Re-set circuit breaker.
Engine runs rough.	Air cleaner blocked. Spark plug fouled. Choke set incorrectly. Dirty/stale fuel.	Clean/replace air filter. Clean/replace spark plug. Set engine control correctly. Drain and replace fuel.			

<p><b>PORTABLE GENERATORS</b> Models: HG50.25, HG55.28, HG80.44, HG130.74</p> <p>98/37/EC Machinery Directive 73/23/EEC Low Voltage Directive 89/336/EEC EMC Directive BS EN60335 - 1:1995 + Amendments.</p>	<p><b>Declaration of Conformity</b> We, the sole importer into the UK, declare that the products listed here are in conformity with the following standards and directives.</p> <p> Signed by Mark Sweetman  1st August 1999</p> <p>The construction files for these products are held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.</p> <p><i>For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.</i></p>
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**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.  
**IMPORTANT:** No liability is accepted for incorrect use of product. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.

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