

SAFETY INSTRUCTIONS

1. It is important to read all of this leaflet before you use the generator.
2. A competent person must authorise use of the generator for some of the applications outlined in this leaflet.
3. You will need the services of a qualified electrician if you plan to use the generator to supply an installed or large system, or for some of the other uses outlined in this leaflet.
4. Electricity is dangerous and must always be used with great care.
5. Diesel is highly flammable. Take care not to cause a fire or explosion.
6. This equipment is designed to generate electricity up to its rated current, at its rated voltages.
7. The action of this generator can cause injury or damage if the equipment is not used in a careful and controlled way.
8. If you have not used a generator before, and you plan to connect the generator to anything other than a single tool or appliance, you should get a competent person to check that what you are doing is safe.
9. Plan your work and think ahead to make sure that you will always be working safely.
10. You should have at least the following items of personal protective equipment:



Ear muffs or plugs giving protection for levels up to 97dB(A).

11. This generator must not be used by minors, or by anyone under the influence of drugs and alcohol.
12. This generator is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.

Work Area

1. Do not use this generator where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. To reduce the risk of serious or fatal injury from breathing toxic fumes, never run the generator indoors or in poorly ventilated locations.
3. The generator should be sheltered from the rain and water, and on a firm and level surface. If possible, site it where the noise pollution is minimised.

Operators


4. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this generator. Particular jobs or environments may require a higher level of protection.
5. This equipment is likely to cause noise levels up to 97dB(A) — wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
6. Anybody who is also working near the generator will also need to wear appropriate personal protective equipment.

Generator

7. Check your generator, engine, sockets, and all equipment. Do not use anything found damaged — contact Torrent Trackside 24 Hour Hotline Number 0845 7697168.
8. Make sure that you understand all of the controls. Before you start the generator, you must know how to stop it.
9. The generator may not be suitable for use with some power tools that have electronic speed control, and sensitive electronic equipment such as laser surveying, video, or computer equipment. Check with Torrent Trackside 24 Hour Hotline Number 0845 7697168.

Electrical Connections

1. The electrical supply from a generator should be treated with greater care than normal mains electricity.
2. If you plan to connect the generator to anything other than a single tool or appliance, you should get a competent person to check that what you are doing is safe.
3. You will need a competent qualified electrician to connect the generator to an installation or large system.
4. Do not use distribution boxes, or more than one tool or cable connected to the generator, without consulting a competent person.

5. If you use extension cables, they should be kept as short as possible. Lay them out carefully where they will not get damaged, and so that the connections will not get wet. You will need to keep a close check on their full length.
6. You should use only double insulated tools, marked as here. Do not use earthed tools (those that need an earth wire) without consulting a competent person. 
7. Check the generator's power rating against the power usage of your tools. The generator's rating will be shown on its case. 1kva means it can supply about 800 watts, 5kva means about 4000 watts. Check the labels on each of your tools to find their power usage, or check with a competent person. Make sure that your tools will not draw more power than the generator can supply.
8. In any event, certain site conditions will require that the generator is earthed and bonded. This must be done by a competent qualified electrician.

Refuelling

1. No smoking.
2. Stop the engine and let it cool down.
3. If possible, move the generator away from your work area.
4. Clean the filler cap and the area around it to prevent dirt falling into the diesel tank.
5. Use a funnel and clean diesel when refuelling. Do not spill any diesel on yourself or the machine.
6. Wipe any fuel off the machine. Dispose of diesel soaked cloth carefully.
7. If you spill any fuel on the ground, wipe it up or cover it with soil.
8. If you spill any diesel on your clothes, change them straight away.
9. Put all fuel caps back on properly, and move your fuel can to a safe, cool place.

Starting

1. The generator should be on a level surface.
2. Switch off or disconnect all electrical equipment that you will be using with the generator.
3. Check that the oil level has not fallen too low. This may automatically prevent the engine running.
4. Check that the engine and generator controls are set correctly, and that the fuel is turned on.
5. Your generator will have a handle start, or a recoil start. Read the instructions following for your machine.

Recoil Start

6. Make sure that you hold the machine firmly so it will not move when you pull the starter.
7. Pull the starter handle slowly until you can feel that the starter has engaged with the engine, then pull it quickly and strongly. Don't pull it too far, or it may break.
8. Guide the cord back into place so that it recoils correctly.

Handle Start

9. Fit the starting handle.
10. You must not wrap your thumb around the handle. If the engine backfires while cranking, the handle will spin backwards and could break your wrist.
11. When the engine has started, take the handle off and store it in the proper place.

Using the Generator

1. Keep a close check on any cables that you are using — especially extension cables. If they appear to be damaged in any way, stop the generator and replace them.
2. The generator has fuses or circuit breakers to protect it in case of overload. If you think a fuse has blown, get a competent person to replace it.
3. The generator may switch itself off if it gets too hot. Allow it to cool down before restarting. If this happens repeatedly, check with the competent person or Torrent Trakside 24 Hour Hotline Number 0845 7697168.
4. Stop the generator before leaving it unattended.
5. If your equipment does not work properly, do not try to repair it. Contact Torrent Trakside 24 Hour Hotline Number 0845 7697168.
6. You may want to read this leaflet again. Please keep it until you finish work.

| | |
|------------------------|----------------------|
| GLASGOW: | 0141 771 3337 |
| BOLTON: | 01204 371144 |
| ROTHERHAM: | 01709 558111 |
| LICHFIELD: | 01543 421900 |
| BRISTOL: | 0117 982 6622 |
| HARLOW: | 01279 423147 |
| MAIDSTONE: | 01622 710500 |
| HOTLINE NUMBER: | 0845 7697168 |