SAFETY AND OPERATING MANUAL

12 month Full Manufacturer’s Warranty
Congratulations on your purchase of a Sumo generator. We want you to continue getting the best performance from it so this handbook includes information on safety, handling and care. Please retain this handbook in case you need to refer to any of the information in the future.

Your Sumo generator comes with a 12-month guarantee, so should it develop a fault within this period contact your retailer.

GUARANTEE
This Sumo product carries a guarantee of 12 months. If your product develops a fault within this period, you should, in the first instance contact the retailer where the item was purchased. This guarantee specifically excludes losses caused due to:
- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer’s guidelines
- Loss of use of the goods

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.
SAFETY INSTRUCTIONS

**WARNING!** Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

**SAVE THESE INSTRUCTIONS**

1) **Work area**
   a) **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
   b) **Do not operate power tools in explosive atmospheres,** such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
   c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) **Electrical safety**
   a) **Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
   b) **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
   c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
   d) **Do not abuse the cord.** Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
   e) **When operating a power tool outdoors,** use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

3) **Personal safety**
   a) **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

**PLEASE NOTE:**
The generator supplied is **NOT** suitable for providing power to any electronic products such as computers, laptops or televisions etc.

If in doubt please refer to the specific product manual for advice on supply connection. If using for a caravan, motor home or boat etc refer to the manufacturers manual regarding connection of a generator. Do **NOT** connect into a house ring main circuit.
b) **Use safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) **Avoid accidental starting. Ensure the switch is in the off position before plugging in.** Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.

d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

f) **Dress properly.** Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust related hazards.

4) **Power tool use and care**
a) **Do not force the power tool.** Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

e) **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.

5) **Service**
a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR GENERATOR

Electrical generators must always be grounded, (connected to earth).
Petrol or diesel powered generators must never be used in an unventilated closed spaces. The exhaust fumes are highly dangerous and can cause “Carbon Monoxide Poisoning” which will cause drowsiness and death.

The generator must be mounted on a firm level surface.
The electrical output load must not exceed the maximum load stated on the rating plate. Exceeding the rated load will damage the unit or shorten its life and will invalidate the guarantee.

The engine must not be run at speeds that exceed the maximum stated on the rating plate. Operating an engine at excessive speeds increases the hazard of personal injury.

Do not tamper with components, which may increase or decrease the governed speed.
Mains extension leads, mains supply leads, and all electrical equipment must be in good working condition.

Never operate electrical equipment with damaged or defective mains supply leads.
Keep the area around the generator clear of obstructions at all times. Never locate the generator against a building or near a canvas or plastic structure i.e. Tents etc.
Always use the correct fuel mix as stated in the user manual and on the rating plate.
To prevent fire, always stop the engine when refueling and never over fill the fuel tank.
Always clean up spilt fuel immediately using sand.
Do not use the generator in or near an explosive atmosphere.
To prevent an electric shock, never operate the machine in rain, snow or touch with wet hands.

Check the fuel system periodically for leaks. Seals and hoses should be checked for signs of deterioration or chafing. Check for loose or missing clamps damaged fuel tank or filler cap. All defects should be corrected before further use.
Always allow the generator to reach full operating speed before connecting any electrical load.
Always disconnect the electrical load before switching the generator off.
To prevent surging that may possibly damage electrical equipment, do not allow engine to run out of fuel while electrical loads are connected.
Before transporting the generator in a vehicle, drain all fuel to prevent spillage.
To prevent an electric shock and fire, never connect an electrical load with the electrical output switched on.
Do not connect the generator to any other electrical source.
Store the generator in a well-ventilated area with the fuel tank empty.

FUEL FILLING SAFETY INSTRUCTIONS

Warning!
Select bare ground for fuelling and move at least 10 feet (3m) from fuelling spot before starting the engine. After refuelling, properly tighten fuel cap; wipe off any spilled fuel and check for leakage.

Warning!
If fuel gets spilled on clothes, especially trousers, it is very important to change clothes immediately. Do not rely on evaporation.
Flammable quantities of fuel may remain on clothes after a spill for longer than expected.

**Warning!**

Vibrations can cause an improperly tightened fuel cap to loosen or come off and spill quantities of fuel. In order to reduce the risk of fuel spillage and fire, tighten fuel filler cap by hand as securely as possible. Before use always make sure that the fuel cap has been properly tightened. Check for fuel leakage while refuelling and during operation. If a fuel leak is suspected, do not start or run the engine until leak is fixed and spilled fuel has been wiped away.

**Warning!**

The ignition system of your unit produces an electromagnetic field of a very low intensity. This field may interfere with some pacemakers. To reduce the risk of serious or fatal injury, people with a pacemaker fitted should consult their physician and the pacemaker manufacturer before operating this tool.

**Electrical Generator**

**Warning!** Electrical generator must always be grounded, (connected to earth).

**Warning!** Petrol or diesel powered generators must never be used in an unventilated closed spaces. The exhaust fumes are highly dangerous and can cause "Carbon Monoxide Poisoning" which will cause drowsiness and death.

The generator must be mounted on a firm level surface.

The electrical output load must not exceed the maximum load stated on the rating plate.

Exceeding the rated load will damage the unit or shorten its life and will invalidate the guarantee.

The engine must not be run at speeds that exceed the maximum stated on the rating plate.

Operating an engine at excessive speeds increases the hazard of personal injury.

Do not tamper with components, which may increase or decrease the governed speed.

Mains extension leads, mains supply leads, and all electrical equipment must be in good working condition.

Never operate electrical equipment with damaged or defective mains supply leads.

Keep the area around the generator clear of obstructions at all times. Never locate the generator against a building or near a canvas or plastic structure i.e. Tents etc.

Always use the correct fuel mix as stated in the user manual and on the rating plate.

To prevent fire, always stop the engine when refuelling and never over fill the fuel tank.

Always clean up spilt fuel immediately using sand.

**Warning!** Do not use the generator in or near an explosive atmosphere.

To prevent an electric shock, never operate the machine in rain, snow or touch with wet hands.

Check the fuel system periodically for leaks, seals and hoses should be checked for signs of deterioration or chafing. Check for loose or missing clamps, damaged fuel tank or filler cap. All defects should be corrected before further use.

Always allow the generator to reach full operating speed before connecting any electrical load.

Always disconnect the electrical load before switching the generator off.

To prevent surging that may possibly damage electrical equipment, do not allow engine to run out of fuel while electrical loads are connected.

Before transporting the generator in a vehicle, drain all fuel to prevent leakage.

To prevent an electric shock and fire, never connect an electrical load with the electrical output switched on.

Do not connect the generator to any other electrical source.
The engine speed has been factory set to provide safe operation. Tampering with the engine speed adjustment could result in overheating of attachments and could cause a fire. Never attempt to “speed-up” the engine to obtain more performance. Both the output voltage and frequency will be thrown out of standard by this practice, endangering attachments and the user. Store the generator in a well-ventilated area with the fuel tank empty.

**SYMBOLS**

- Read the manual
- Wear ear protection
- Wear eye and dust protection
- Warning
- CAUTION: Hot exhaust, do not touch.
- Connect the generator to earth using a suitable earth spike.
- CAUTION: This is a 2 stroke engine. Fill with petrol and oil mixture only. Do not fill with diesel oil.
- CAUTION: This is a 2 stroke engine and requires 2 stroke oil to be added to the petrol in a ratio of 40:1 or 50:1.
- Allow motor to cool before opening the fuel cap. The vapour is extremely flammable and may ignite on contact with hot surface or flames.
- Shows the tank cap inverted to measure the ratio of oil to petrol, ie 1 litre of unleaded petrol to 0.02 litres of oil.
1. Handle  
2. Fuel cap  
3. Fuel tank  
4. Recoil starter  
5. Engine on-off switch  
6. Choke lever  
7. Air filter housing  
8. AC socket  
9. Reset button  
10. Exhaust  
11. Engine  
12. DC socket  
13. DC charger leads  
14. Spark plug wrench
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC output</td>
<td>230 Vac ~ 50 Hz</td>
</tr>
<tr>
<td>Rated power</td>
<td>0.65 kVA</td>
</tr>
<tr>
<td>Peak power</td>
<td>0.78 kVA</td>
</tr>
<tr>
<td>Phase</td>
<td>Single</td>
</tr>
<tr>
<td>Power factor</td>
<td>cosØ = 1</td>
</tr>
<tr>
<td>Displacement</td>
<td>63 cc</td>
</tr>
<tr>
<td>DC output</td>
<td>12V, 8.3A</td>
</tr>
<tr>
<td>Motor</td>
<td>1.8 HP, 2 stroke</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>4.2 L</td>
</tr>
<tr>
<td>Fuel type</td>
<td>50:1 or 40:1 of unleaded petrol and two stroke oil</td>
</tr>
<tr>
<td>Spark plug type</td>
<td>F5TC</td>
</tr>
</tbody>
</table>

**NOISE DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound power level declared</td>
<td>91 dB</td>
</tr>
</tbody>
</table>

The figures quoted are emission levels and are not necessarily safe working levels. Whilst there is a correlation between the emission and exposure levels, this cannot be used reliably to determine whether or not the actual level of exposure of the workroom, the other sources of noise etc. i.e. the number of machines and the adjacent processes and the length of time for which an operator is exposed to the noise. Also the permissible exposure level can vary from country. This information however, will enable the user of the machine to make a better evaluation of the hazard and risk. The supplier recommends the use of ear protection at all time.
OPERATION INSTRUCTIONS

Warning: Before using your generator be sure to read the instruction manual carefully.

1. ASSEMBLY
Fit the carrying handle to the top of the petrol tank and secure in position using the 2 screws provided (See fig 2).

2. LOCATION & GROUNDING
Before using this generator it must be prepared correctly before use. Locate the generator on firm level ground away from buildings or other structures ensuring that the exhaust is not obstructed.

Warning: It is advisable to properly earth-ground your generator before starting using a wire and a small earth stake.

Note: The wire and earth stake are not supplied with the unit.

Earth Spike and Cable can be purchased at your local camping supplies, or alternatively an Earth spike can be made, and it is suggested you get advice from a registered electrical trades person. To make a Spike use a Copper tube or Copper Rod 12mm diameter, a minimum length of 200mm and with an M6 Machine screw one end. The cable used should be a Maximum length of 1 metre and a Minimum of 1.0mm² to carry a 10amp load. The cable should be attached to the Generator at the Earth point (See fig 3) and to the Spike between a flat washer and the Copper with a lock washer under the head of the M6 Machine screw in a similar fashion to the Earth point screw on the generator.

When placing the Spike into the ground the Generator must not be running and it is suggested that the Spike is pushed into the ground by at least 100mm so that it is firm and a litre of water poured around it to ensure good Earth continuity.
3. FUELING

The generator is powered by a two-stroke engine, which uses a petrol oil mix fuel. The correct fuel mixture is a ratio of either 50:1 or 40:1 of petrol and two stroke oil (depending on the ambient temperature) i.e. 50 parts of unleaded petrol to one part of two-stroke oil.

**Warning!** Use only genuine two-stroke oil.

**Fuel mixing**

The fuel tank has a maximum capacity of 4.5L. To mix the fuel correctly use the filler cap gauge to measure the correct amount of oil to petrol. **Warning!** Do not mix the fuel in the generator fuel tank use a suitable container. Measure the fuel into the container then add the correct proportion of two stroke oil according to the chart shown in Fig.4. When the correct ratio has been mixed replace the container cap and agitate the container to ensure thorough mixing of the petrol and oil.

**Filing the fuel tank**

Use a suitable funnel to transfer the fuel mix from the container to the generator fuel tank, taking care not to spill any fuel or over fill the fuel tank. The fuel tank should not be filled above the top of the fuel filter as shown in Fig.5.

4. STARTING THE GENERATOR ENGINE

Before starting the engine make sure that all the electrical loads are disconnected from the generator AC outlet socket.

Gently agitate the fuel mix by gently rocking the generator backwards and forwards a few times. This will ensure that the two-stroke oil has not settled out from the petrol. Turn the fuel cock lever to the on position (See fig 6).
Set the choke lever to the ON position (See fig 7). Turn the engine ON/OFF switch to the ON position (See fig 8). Hold down the generator firmly with one hand on the carrying handle. With the other hand grip the recoil starter cord handle and pull slowly until resistance is felt indicating that the recoil starter is engaged. When resistance is felt pull the cord sharply (See fig 9). Continue this procedure until the engine starts. When the engine has been successfully started and is running smoothly return the choke lever to the OFF position (See fig 10).
5. STOPPING THE GENERATOR ENGINE
Before stopping the engine, switch off all the electrical loads and turn the generator ON/OFF switch to the OFF position (See fig 11).
Before stopping the engine make sure that all the electrical loads are disconnected from the generator AC outlet socket.
When the generator engine has stopped and before storage, turn the fuel cock lever to the OFF position as shown in Fig 12.

6. CONNECTING THE ELECTRICAL LOAD
**Warning!** Before connecting any electrical load to the generator ensure that the load does not exceed the maximum load as stated on the rating plate. Ensure that the mains supply lead is long enough to reach the generator without any strain.
When the generator engine has been successfully started and is running smoothly connect the electrical load into the generator AC output socket (See fig 13).

7. OVER LOAD PROTECTION
The generator is fitted with an overload protection device located on the control panel (See fig 14). In the event that the load exceeds that stated on the rating plate, the overload protection will operate and disconnect the load. If the overload protection device is tripped. Check the electrical load and if necessary reduce the load. The overload protection device can be re-set by pressing in the re-set button.
8. DC BATTERY CHARGING FUNCTION
This function is applicable to 12V battery charging only.
Disconnect the leads from the battery.
Loosen the vents on the battery.
Make sure the battery fluid level is correct
Using a hydrometer measure the specific gravity of the battery fluid and calculate the charging time in accordance with the table shown in Fig 15.
Attach the 12v charging leads to the battery observing correct polarity (Red = + Positive) (black = - Negative).
Plug the 12v charger lead into the socket on the generator (Fig 16).
The specific gravity for the fully charged battery shall be within 1.26 to 1.28. It is advisable to check the specific gravity every hour.
MAINTENANCE

Spark plug
After every 50 hours of running the spark plug should be removed. Check the colour of the deposits on the end of the spark plug (Fig.17), it should be a “Tan” colour. Remove all deposits using a stiff brush a brass wire brush is ideal. Check the spark plug gap and adjust if required. The correct gap should be 0.7 to 0.8mm.

Air filter
After every 50 hours of running the air filter should be removed (Fig 18), examined for deterioration and cleaned. Clean the air filter thoroughly using an environmentally friendly water based degreasing agent. When the air filter has dried out apply sufficient ordinary engine oil, to coat the whole of the filter. Squeeze out any excess oil and replace the air filter. **Warning!** Never run the engine without the air filter.

Fuel tank filter
Remove the fuel tank filler cap and the filter (Fig 19), clean the filter thoroughly using an environmentally friendly water based degreasing agent and re-fit.

STORAGE
If the generator is not to be used or is to be stored for more than one month the following storage procedure should be carried out. Drain all the fuel from the fuel tank and the carburettor, ensure that all the fuel has been removed. Remove the spark plug and pour approximately one tablespoon full of clean engine oil into the spark plug hole. With the ignition turned OFF gently pull on the recoil starter cord several times. Re-fit the spark plug and continue to pull the recoil starter cord until the piston is on the compression stroke (when resistance is felt), then stop pulling. Store the generator in a dry well ventilated place under a cover to prevent any dust or debris from accumulating on the generator.
<table>
<thead>
<tr>
<th>Item</th>
<th>Remark</th>
<th>Pre-operation check (daily)</th>
<th>Initial 1 month or 20 hours</th>
<th>Every 3 month or 50 hours</th>
<th>Every 6 month or 100 hours</th>
<th>Every 12 month or 300 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spark plug</td>
<td>Check condition</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adjust gap and clean</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Replace if required</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air filter</td>
<td>Clean, replace if required</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuel filter</td>
<td>Clean fuel cock filter</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Replace if required</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuel line</td>
<td>Check fuel hose for cracks or damage. Replace if required</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exhaust system</td>
<td>Check for leakage. Tighten or replace gasket if required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Check exhaust screen. Clean and replace if required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Carburetor</td>
<td>Check choke operation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooling system</td>
<td>Check fan damage</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Starting system</td>
<td>Check recoil starter operation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decarbonisation</td>
<td>More frequently if necessary</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fittings/Fastenings</td>
<td>Check all fittings and fixtures and tighten if required</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
ENGINE TROUBLE SHOOTING

<table>
<thead>
<tr>
<th>CONDITION</th>
<th>PROBABLE CAUSE</th>
<th>CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Insufficient compression</td>
<td></td>
</tr>
<tr>
<td>Engine won't start</td>
<td>Loose spark plug</td>
<td>Tighten plug</td>
</tr>
<tr>
<td>Low engine output</td>
<td>Loose cylinder head bolt</td>
<td>Tighten bolt</td>
</tr>
<tr>
<td>Engine runs erratically</td>
<td>Damaged gasket</td>
<td>Replace gasket</td>
</tr>
<tr>
<td></td>
<td>Sufficient compression</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FUEL SYSTEM PROBLEMS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Insufficient pulling speed for starting rope</td>
<td>Pull rope sharply</td>
</tr>
<tr>
<td></td>
<td>Foreign matter in fuel tank</td>
<td>Clean tank</td>
</tr>
<tr>
<td></td>
<td>Clogged fuel line</td>
<td>Clean fuel line with dealers advice</td>
</tr>
<tr>
<td></td>
<td>No fuel in tank</td>
<td>Supply fuel</td>
</tr>
<tr>
<td></td>
<td>Fuel tap not open</td>
<td>Open tap</td>
</tr>
<tr>
<td></td>
<td>No fuel supplied to combustion chamber</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sufficient compression</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ELECTRIC SYSTEM PROBLEMS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Poor spark</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Damaged spark plug</td>
<td>Replace spark plug</td>
</tr>
<tr>
<td></td>
<td>Faulty magneto</td>
<td>Consult dealer</td>
</tr>
<tr>
<td></td>
<td>Improper adjustment of carburetor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Good spark</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Insufficient pulling speed for starting rope</td>
<td>Pull rope sharply</td>
</tr>
<tr>
<td></td>
<td>Wrong grade of fuel used</td>
<td>Check grade of fuel</td>
</tr>
<tr>
<td></td>
<td>Overloading</td>
<td>Check the working conditions</td>
</tr>
<tr>
<td></td>
<td>Overheating</td>
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### GENERATOR TROUBLE SHOOTING

<table>
<thead>
<tr>
<th>CONDITION</th>
<th>PROBABLE CAUSE</th>
<th>CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>No AC output</td>
<td>Tripped circuit breaker</td>
<td>Reset</td>
</tr>
<tr>
<td></td>
<td>Poor connection or faulty lead</td>
<td>Check and repair</td>
</tr>
<tr>
<td></td>
<td>Broken recepticle</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Faulty circuit breaker</td>
<td>Check and repair</td>
</tr>
<tr>
<td>No AC output</td>
<td>Generator problem</td>
<td></td>
</tr>
<tr>
<td>Output power too high or low</td>
<td>Engine RPM set too high or low</td>
<td>No load speed set to 3150rpm</td>
</tr>
<tr>
<td></td>
<td>Loose component</td>
<td>Locate and tighten</td>
</tr>
<tr>
<td></td>
<td>Internal generator problem</td>
<td>Consult dealer</td>
</tr>
</tbody>
</table>

### SPARES HELPLINE
01302 721791

### ENVIRONMENTAL PROTECTION
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. For further information visit www.recycle-more.co.uk
Declaration of Conformity

We, Importer
Powersmith Ltd.
BA22 8RT

Declare that the product
780W Generator
SML34GEN

Complies with the essential health and safety requirements of the following directives:

2006/95/EC - Low Voltage Directive.

Standards and technical specifications referred to:

EN 61000-3-2: 2000/+A2: 2005
EN 61000-3-11: 2000
EN 1012-1: 1996
EN60204-1: 1997

Authorised Signatory

Date:  22/08/07

Signature: ____________________________

Name: Peter Harries
Powersmith Ltd
Quality Manager