

To start the engine, take a firm hold of the pull cord handle and gently uncoil from the starter until resistance is felt.

Return the pull cord to the starter then give a full, brisk pull. Repeat this action until the engine fires.

To STOP the engine, switch OFF any equipment being powered by the generator and allow the engine to return to idle. Then simply push and hold the STOP lever until the engine stops.

## BASIC TECHNIQUES

The generator can supply either 110V or 240V, it is unable to supply both at the same time.

Connect up the equipment you want to power using suitable cables and plugs, making sure their switches are OFF.

Finally, select the voltage required and power up the equipment.

## Power Limits

Never overload the generator. To calculate the running load, add up the power ratings of everything to be connected to it in kilowatts 1kW (kilowatt) = 1000 W (Watts). Depending on the equipment being powered this should be between half and two-thirds the generator's kVA rating but, if in doubt, ask your local HSS Hire Shop for advice.

## EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease assume you have the wrong size generator for the job. Ask at your local HSS Hire Shop for advice.

**Keep the equipment clean.** You will find this less of a chore if you clean up regularly rather than wait until the end of the hire.

When not in use, store the equipment somewhere clean, dry and safe from thieves.

**Keep the engine upright at all times.** If it should be tipped over, mop up oil and fuel spillages and contact your local HSS Hire Shop for advice.

**Regularly check the fuel level and top up as required** using the correct fuel: diesel.

**Check the engine oil level daily.** Let the engine cool, stand it on level ground, withdraw the dipstick and wipe clean. Replace and, withdraw the dipstick a second time

and verify that the oil level is between Min and Max. Top up with 15W/40 engine oil as required.

## FINISHING OFF

Switch OFF all equipment powered by the generator. Then push and hold the STOP lever until the engine stops. Finally, disconnect all leads and give the unit a final clean, ready for return to your local HSS Hire Shop.



## ...any comments?

If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

**Fax: 0181-687 5001**

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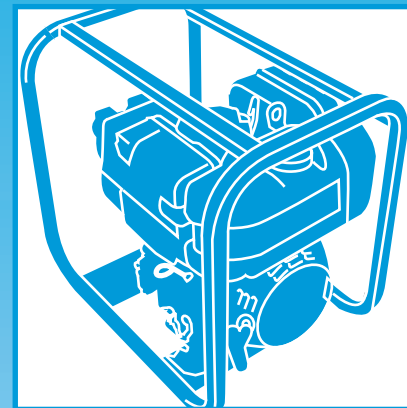
Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.co.uk>

## Operating & Safety Guide 889

889/01

# HSS Hire Shops



## 2.2kVA Diesel Generator

A diesel powered portable generator supplying a maximum of 2.2kVA in 240V or 110V.



Code 41403

## GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Hire Shop.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.

This equipment should be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from your local HSS Hire Shop.



Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.



This equipment generates potentially harmful noise levels. To comply with health and safety at work regulations, ear defenders must be worn by everyone in the vicinity.



Wear practical, protective clothing, gloves and footwear. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.



This equipment is heavy, never attempt to lift the generator on your own, always get help.

Check the equipment before use. If it shows signs of damage or excessive wear, return it.

## Exhaust Danger

NEVER operate diesel engines indoors or in a confined space.

The exhaust contains gases that can Kill.

## Fuel Safety

NEVER refuel while the engine is hot or running.

Never smoke or allow naked lights into the area while refuelling.

Never inhale fuel vapour.

ALWAYS mop up spillage's as quickly as possible, and change your clothes if you get fuel on yourself.

ALWAYS store fuel in a purpose-made sealed container, in a cool, safe place well away from the work area.

Always switch OFF the equipment when not in use.

Engines, especially the exhausts, get very hot so switch OFF and allow to cool before touching them.

Choose a location for the generator that keeps flammable materials well away from the engine and exhaust.

## ELECTRICAL SAFETY

The generator has the facility to connect to an earthing ground stake (see illustration). However, please note that an impedance test should be carried out once a qualified electrician has made the connections.

Using electrical equipment in very damp or wet conditions can be dangerous.



To reduce the risk of electric shock, always use a suitable RCD (Residual Current-Operated Device) available from your local HSS Hire Shop.

Always turn OFF the generator's engine when not in use and before servicing the engine itself.

Never start or stop the generator 'on load'. Always switch OFF and unplug all equipment powered by it.

Seek advice from your local HSS Hire Shop before connecting computers or other sensitive equipment to the generator.

Keep flexes and extension leads out of harm's way. Extension leads should be fully unwound and loosely coiled away from the equipment. Never run them through water, over sharp edges, or where they could trip someone.

## Safety Cut-Outs

All HSS generators have circuit breakers that cut OFF the power if the electrics become overloaded (due to a fault in the generator or the equipment being powered by it). If a circuit breaker trips, unplug everything, then reset the switch to restore the power.

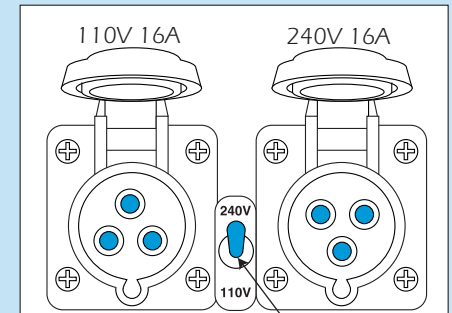
## GETTING STARTED

Connect the generator's earth terminal to an earthing point using suitable cable, this must only be performed by a qualified electrician.

Disconnect any power supply or tool cables from the generator.

The engine controls are very simple, you do not have to switch the engine ON nor adjust the throttle.

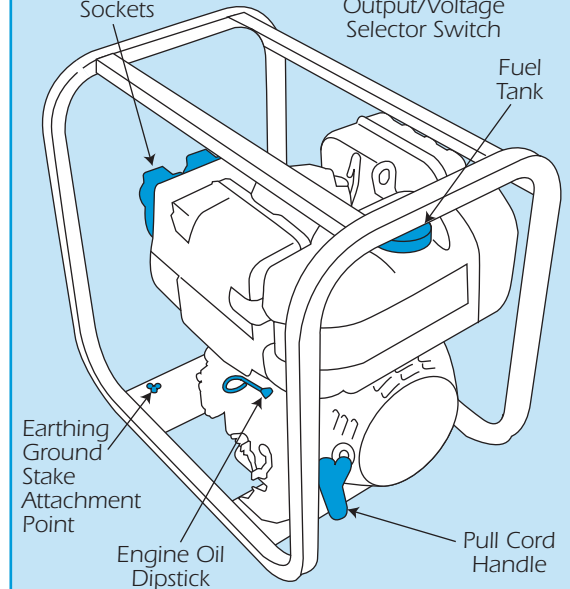
## 2.2kVA Diesel Generator



Power Takeoff Sockets

Output/Voltage Selector Switch

Fuel Tank



Fixed Throttle (DO NOT ADJUST)

