

EQUIPMENT CARE

Never use the equipment for anything other than its intended purpose. If it will not do what you want with reasonable ease, assume it's the wrong tool for the job. Contact your local HSS Hire.

Handle the equipment with care. Avoid dropping it, knocking it, or otherwise exposing it to damage.

Never expose the equipment to excessive moisture, dust or dangerous/corrosive chemicals.

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

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

To reduce the risk of over-heating, **never run the transformer at maximum loading for more than 30 minutes** in any hour.

FINISHING OFF

Switch OFF and unplug all electrical equipment connected to the unit. Switch OFF the power supply to the transformer, then unplug or, **if required, have a qualified electrician disconnect the unit.**

Finally, **neatly coil the cable ready for return** to your local HSS Hire.



... have you been trained

The law requires that personnel using work equipment have received adequate training and must be competent when using the equipment within the workplace.

Training is available at HSS Training Solutions

0845 766 7799

...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below
e-mail: safety@hss.com

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HSS Hire



Transformers

Allow 110V electrical equipment to be powered from a suitable mains 240V supply.



Code 40103/40202/3/5/10

GENERAL SAFETY

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

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.

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

  Wear sensible, reasonably protective clothing and footwear plus any safety gear appropriate to the equipment being powered.

 Transformers can be heavy never attempt to lift these on your own, always get help.

Keep transformers, junction boxes and extension leads at a safe distance from the work area.

Keep leads clear of any exposed moving parts or cutting edges that the equipment being powered may have.

ELECTRICAL SAFETY

All HSS transformers must be connected to a suitable 240V supply. Those rated to 3kVA can simply be plugged into a standard 13A power socket.

However, those rated at over 3kVA must be wired directly into a suitable mains circuit by a qualified electrician – a 30A circuit for transformers rated between 3kVA and 5kVA; a 60A circuit for those rated above 5kVA.

Never interfere with any fitted plugs or sockets the equipment may have.

Handle plugs and leads with care. Never run cables through water or over sharp edges. Never run them where they are likely to trip someone over.

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

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

As an additional safety feature all HSS transformers are centre tapped to earth (secondary windings).

Never carry or pull the equipment by its flex.

If the equipment fails, or if a plug or lead gets damaged, return it. Never attempt to repair it yourself.

Never overload the electrics. Add up the power ratings of all the equipment connected to the transformer and check that the total is less than the power rating of the transformer itself. Remember that 1kVA = 1kW = 1000 W.

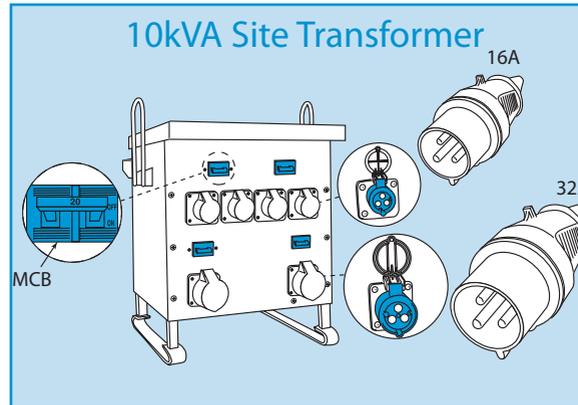
Always switch OFF and unplug electrical equipment before attempting to maintain or adjust it in any way. Never leave electrical tools unattended while they are plugged in and switched ON.

GETTING STARTED

Using a TRANSFORMER...

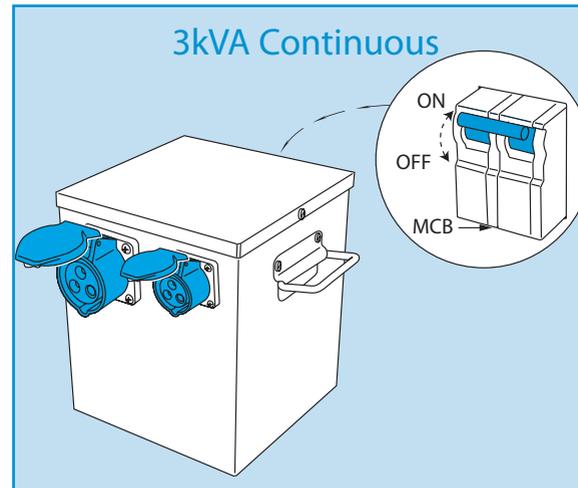
Position the transformer in a safe place, as close to its power supply as possible.

Do not site the transformer on surfaces which are easily scratched, stained or damaged by heat.



Either plug it in or have a qualified electrician connect it to a suitable supply.

Never connect a transformer to its power supply via an



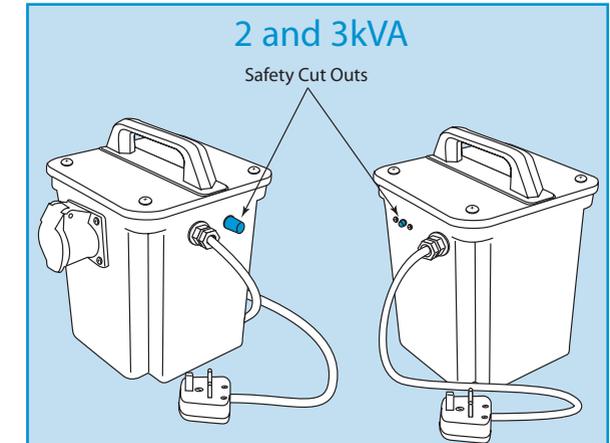
extension lead – though you can, of course, plug extension leads into the transformers' socket outlets.

Make sure the total supply required does not exceed the capacity of the transformers' socket – 1700W for 16A plugs; 3500W for 32A plugs.

HSS transformers are either tool rated or continuous rated.

If tool rated, you can power equipment up to its total rate for a maximum of 30 minutes, after which the transformer will need to cool. If you continue to use it at full rate, the internal coils will overheat and the transformer may be permanently damaged.

If you wish to use the 'tool rated' unit continuously, the maximum power available will be 70% of the tool rate. EG; 2.2kVA tool rated transformer can supply a maximum of 1540W of power continuously.



Where a transformer is rated as continuous, that rating is its maximum.

Using an RCD ADAPTOR...

Fit 110V RCDs to the transformer's 110V outlet sockets.

Never plug an RCD into an extension lead's outlet socket. It won't respond to faults in the lead.

Safety Cut Outs

All HSS Transformers are protected by thermal cut outs, circuit breakers, or fuses, and comply with either British Standard BS3535 or International Standard CEE 15. Their output sockets comply with British Standard BS4343 and International Standard CEE 17.

Some models are fitted with Miniature Circuit Breakers (MCB's). If the power stops, check the MCB first. Switch OFF the supply, reset the MCB, then switch the power ON.