



Don't be left in the dark!



Power cuts putting a damper on your lifestyle?

Tired of rationing out expensive generator hours?

Inverter systems offer a convenient and cost-effective solution in the current load-shedding environment. The battery bank is charged while the mains supply is present, and provides energy when it falls away. The pure sine-wave inverter draws power from the battery bank, providing a safe and reliable supply for all your electrical appliances.

"So what will it do for me?" , you might ask:

Q: Will I need to "change over" when the mains goes off?

A: No. Circuits of your choice are permanently wired into the inverter, removing the need for change over. You will not even

notice that the mains supply has been lost. No need to risk meeting unwelcome INTRUDERS outside when starting up the generator.

Q: What kind of appliances can I run?

A: The inverter can supply all AC appliances, including stoves, kettles, fridges and even borehole

pumps. All household lighting can be permanently wired into the inverter. The number of appliances that may be run simultaneously is dependent on the size of inverter you choose.



Q: I already own a generator. Will I still be able to use it?

A: Yes, the generator can be incorporated into the system for when the mains power goes off for exceptionally long periods.



Q: Will an inverter system save me money?

A: You will save many litres of generator fuel, resulting in immediate savings.

Q: Do I have to have solar panels?

A: No. Many people choose only the inverter and battery bank. The solar panels increase the periods that the system can operate without mains supply and will also decrease your ZESA bill. With enough solar panels, you can achieve complete grid independence if this is what you desire.





Q: What kind of maintenance is required?

A: The inverter is maintenance-free. Other than simply topping up the batteries with de-ionised

water periodically, we provide automatic battery filling systems for large installations, there are no servicing requirements e.g., oil-changes and filter replacements as with a generator.

Q: What is the lifespan of the batteries?

A: This depends on the number of cycles and depth of discharge the batteries go through. For our high-quality batteries, provided they are kept topped up with distilled water and the basic guidelines in our care sheet are followed, the batteries will last up to ten years or more.

Q: What sort of guarantee is offered?

A: We guarantee clean, reliable power when you need it! There is a two-year manufacturer guarantee on the inverter. Our inverters are robust - built in Africa for Africa. And we carry all necessary spares should a fault occur.

Q: What size inverter do I need?

A: We offer a full range - from 1,5kVA to 24kVA for household use and up to 500kVA and above for industrial applications. A 3kVA could run, for example, household lights, a fridge and the borehole pump, as well as your TV and computer. Our qualified electrical engineers will assess your needs and recommend the right system.

Q: How long does it take to charge the batteries?



A: Our inverters have integrated battery chargers that are the best on the market and can charge 500kg (16) of

batteries in 5 hours – that's FAST – ensuring that your battery bank is fully charged before the next power cut.



Q: I can only afford a small system now.

Can it be extended in the future?

A: Yes. Extra batteries and solar panels can be added at a later stage. You can even add an additional inverter and run the two side by side to provide increased capacity later on. Alternatively, you can make use of our buy-back plan and replace your smaller inverter with a larger one.

Q: Will the installation be aesthetically pleasing?

A: We take great pride in our professional installations. All wiring is neatly finished and components installed out of sight.

Q (men only): Will my wife be able to dry her hair?

A: Yes, and your daughters too!

Send us an email or call us for an obligation-free quote or simply visit our premises 4 Kent Road, Chisipite (just off Enterprise Road) to view our demo system in action.

"Very often I don't even realise there is a power failure at all"



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