



# Backup power maseru

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No one can function effectively without backup power during power outages and load shedding. RCT inverters power your home during an outage. The selectable input voltage range makes this perfect for home appliances and personal computers.

Suitable for offices and homes that need constant power supply and cannot afford to switch off their appliances, the RCT online and line interactive UPS range delivers short-term backup power for your devices. Available in both rack mountable and stand-alone units.

Extend the time that you can work during a blackout at home or at the office by complimenting your power solution with our RCT battery units. The range includes Lithium batteries, lead acid batteries, gel VLRA batteries, as well as battery cabinets.

The RCT MegaPower banks are ideal for your on-the-go power requirements, while being able to power a home router for up to 8 hours. Also included in the range are the RCT 1KVA UPS trolley, which will power up your home essentials during power outages.

Avoid the effects of power outages and loadshedding on your home. For the most sustainable and effective power solution, use RCT solar panels and battery units to move completely off-grid. Generate electricity and store it on the RCT battery units and make it available for use, even without connection to the grid.

A power inverter changes DC power from a battery into conventional AC power that you can use to operate all kinds of devices – electric lights, kitchen appliances, microwaves, power tools, TVs, radios, computers, to name just a few. You just connect the inverter to a battery, and plug your AC devices into the inverter – and you’ve got portable power – whenever and wherever you need it.

The inverter draws its power from a 12 Volt battery (preferably deep-cycle), or several batteries wired in parallel. The battery will need to be recharged as the power is drawn out of it by the inverter. The battery can be recharged by running the automobile motor, or a gas generator, solar panels, or wind. Or you can use a battery charger plugged into an AC outlet to recharge the battery.

very simple way to use an inverter for emergency power (such as during a power outage), is to use a car battery (with the vehicle running), and an extension cord running into the house, where you can then plug in electrical appliances.

We carry many different sizes, and several brands of power inverters. See our Inverters Page for specifications on each of our models.



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Short Answer: The size you choose depends on the watts (or amps) of what you want to run (find the power consumption by referring to the specification plate on the appliance or tool). We recommend you buy a larger model than you think you'll need (at least 10% to 20% more than your largest load).

Example: You want to power a computer with a 17" monitor, some lights, and a radio.

For this application, you would minimally need a 500 W inverter, and should give some thought to a larger one, as there will likely be a time when you wish you'd bought a bigger model; in this example, you might decide you'd like to run a fan while you compute, or let the kids watch TV.

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