

Upon unpacking your unit, IMMEDIATELY plug the charger cord into any US 120Volt AC household power outlet. Plug the opposite end of the cord into the charger port located on the left face of the unit. The plug is marked CHARGING. It will begin charging at once and will automatically shut off when fully charged.. Make sure that the **MAIN POWER SWITCH IS ON AT ALL TIMES**, even when not in use. Install the wheels 1st, unless you have purchased the PLUS Power Booster. If so, attach the wheels to the BOOSTER instead

There is a Battery Condition Gauge for your reference on the LCD screen on the front of the unit. In addition and most importantly the Charger cord has a light on the converter box located along the cord. When **80% charge is reached it will change from RED to GREEN**. PLEASE note, in addition to this indication, a **RED light marked LO BATT will FLASH RED WHEN CHARGING. THIS LIGHT WILL CONTINUE TO CHARGE** until the final 20% of the charge is achieved. **This light will stop flashing at 100%.**

The unit is engineered to be a safe and easy to use home emergency power source. It is not designed to be used in any commercial application and should not be operated for commercial purposes. This unit is battery powered and as such you should minimize any unnecessary power drains. Unplug any appliance that is not being used.

Small screen TVs use less power than large screens, laptops use less than desktop computers. It is important to know that CFL light bulbs use 80% less energy and are highly recommended.

BATTERY CONDITION GAUGE

The LCD screen has a battery symbol indicating in 4 segments the battery's charge condition. Each segment represents 25%. As power is depleted, segments will no longer be shown. Segments indicate approximately 25% of the power.

RECHARGING WHEN THE POWER COMES BACK ON

Plug the unit back in to a 120V AC Power Outlet. It will begin recharging automatically. **BE SURE that the MAIN SWITCH is ON**. The unit will recharge and shut off when complete. Remember the **LO BATT** light will continue flashing after the charger converter box changes color from RED to GREEN. If you should disconnect when the power is showing full on the battery gauge on the LCD screen, re-connect and move the BLACK AUTO/MANUAL switch on the face of the unit to the MANUAL (UP) position. This will allow the unit to complete the final 20- 25%



RECHARGING IF POWER REMAINS OFF

Using a quality set of Jumper Cables, connect the unit to the cables, positive to positive, negative to negative of a 12 Volt vehicle. Start the vehicle AFTER connecting the cables and **NOT BEFORE. DO NOT ATTEMPT TO RECHARGE WITH A DC TO DC WIRE CABLE**. If your place of work has power, recharge it there. If recharging from a vehicle, please be sure and do this **OUTDOORS**. Let the engine idle. It is not necessary to rev the engine. Watch the battery condition indicators for a full charge. This could take some time if the battery is very low. **BE SURE THAT THE UNIT'S MAIN POWER SWITCH IS ON.**

The unit does not have to be fully charged to operate. A unit charged to 50% it will still put out 1500 watts but for only half the time.

BATTERY SERVICE LIFE

The battery is a SEALED LEAD ACID type and has a life of approximately 500 charge cycles. Replacement is a relatively simple task. Charge the unit immediately after purchase and after each use. The red FAULT light will flash when the battery is low. If used beyond this point, service life of the battery will be reduced. The hours and use charge is based on power available before reaching this low level. Plug the unit in at the earliest possible time. When fully charged DO NOT remove the plug from the wall outlet. DO NOT shut off the MAIN POWER SWITCH. This will keep the battery at its highest power level and will not shorten the service life. The unit will only draw power as needed. When the unit reaches approximately 80% the GREEN light on the power cord converter will change to GREEN. The LO BATT light will continue to flash. This will stop at 100%. The last 20% is charged at a slower rate to maintain the battery's life cycle.

BATTERY REPLACEMENT INSTRUCTIONS...you will need a 12mm or a 15.32" wrench and a small Philips screw driver

- A. Important: Remove the wheels before starting to replace the battery
- B. Using the screw driver remove 9 screws from the handle and back of the unit
- C. Slide the battery out and using the wrench, loosen and remove the two nuts from the battery posts
- D. Remove the cables, Remember RED is Positive and BLACK is negative.
- E. Place the new battery in position and replace and tighten the two nuts you removed.
- F. Slide the battery back in to the case and resecure using the 9 screws.
- G. Replace the wheels and charge the unit in accordance with these instructions.