### WHAT IS THE 800VA AC SOLAR HOME SYSTEM?

The 800VA AC solar home system is an off-grid single phase solar home system that operates with the use of an inverter, lithium-ion phosphate battery and solar panels.

#### WHAT DOES THE SYSTEM INCLUDE?

- 1 X 48/800VA Phoenix Inverter (Victron Energy)
- 1X 100V/20A MPPT Solar Charge Controller (Victron Energy)
- 2 X Solar Panels (450Wp)
- 1 X 5kWh 100Ah Lithium-Ion Phosphate Battery LiFePO4
- 1 X AC Distribution Board Including Earth Leakage, Breakers And Earth Pin
- 6 X 3W LED Indoor Lights
- 2 X 5W LED Outdoor Lights
- 4 X AC Electrical Plug Points (2 Installed On Battery Enclosure And 2 Installed In The Beneficiary House)
- 1 X Battery Enclosure With Pay As You Go Option

## WHAT CAN BE CONNECTED TO THE SYSTEM?

- 6 X 3W LED Indoor Lights
- 2 X 5W LED Outdoor Lights
- 1X Laptop Computer
- 1 X 180W A+ Fridge/Freezer (Max 230L)
- 1X DSTV Decoder
- 1 X LED TV <52" (Max 50W)
- 1 X Standing Fan (Max 60W)
- 4 X Cellphone Chargers Per Day





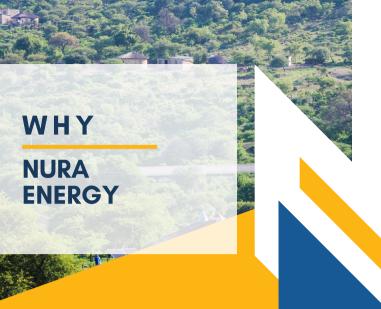


# HOW LONG DURING DAY TIME WILL APPLIANCES LAST?

- 2 Hours Laptop Computer
- 8 Hours 180W A+ Fridge/Freezer (Max 230L)
- 3 Hours DSTV Decoder
- 3 Hours LED TV <52" (Max 50W)
- 1 Hour Cellphone Charging (Max 4 Cellphones)
- 3 Hours Standing Fan (Max 60W)

#### HOW LONG AFTER DARK WILL APPLIANCES LAST?

- 4 Hours 3W LED Indoor Lights
- 8 Hours 5W LED Outdoor Lights
- 2 Hours Laptop Computer
- 6 Hours 180W A+ Fridge/Freezer (Max 230L)
- 3 Hours DSTV Decoder
- 3 Hours LED TV <52" (Max 50W)
- 1 Hour Cellphone Charging (Max 4 Cellphones)
- 3 Hours Standing Fan (Max 60W)
- Prefered Solar Energy Provider in The Northern Kwa-Zulu Natal
- Using Trusted Quality Suppliers
- 22 Year's Experience In The Solar Industry And Well Known In Rural Areas
- After Hour Emergency Service



#### **To Our Customer**

NuRa Energy is the preterred solar energy provider in the Northern part of Kwa-Zulu Natal, with over 22 years experience in the rural electrification program and solar industry.

### Our Beliefs Are Quality Over Quantity

With support available, 7 days a week, you will have access to the best support service when you are in need of a well trained NuRa Energy technician.

#### Your Satisfaction Is Key To Us

Contact us today with any questions that you might have and we will assist you in the best possible way.



087 550 5214
Old Main Road
Hluhluwe, 3960
info@nura-energy.co.za
www.nura-energy.co.za

