



# HOW THE SUN CAN POWER YOUR HOME

## From solar rays to sockets:

Solar panels harness the sun's rays and convert them into usable electricity for your home.

1.  
Solar rays (sunlight) hit solar panels on the roof.

2.  
Panels convert solar rays into DC (Direct Current) electricity.

3.  
Inverter converts DC to AC electricity.

4.  
AC (Alternating Current) electricity powers home appliances.

5.  
Excess electricity can be sent to the electrical grid or can be stored in batteries.

## Why Choose Solar?

- Clean and renewable which is better for our environment
- Reduces electricity bills
- Supports South Africa's energy future.