## **Purchases**

- ExpertPower or similar Solar Kit
- arduinos
- sensors
- motors/actuators
- wheels
- Display

## Main Components

- Convert 12V DC battery power to 110 AC
- Read voltage and current measurements
- Read sensor values
- Display all measurements
- Angle control
- Transmit data through wifi
- Microcontroller to connect everything
- 3D print or laser cut shell