



1. Attach the TEG Module to any surface around the home that emits heat. The Module is able to stick on any horizontal or vertical surfaces with the help of micro suction cups which line a silicone pad at the bottom of the module.

2. The TEG Module will harvest the heat energy from the surface and will convert this into electrical energy with the help of a Thermoelectric generator that is located in the module.

3. The converted electrical energy will then be sent wirelessly to the Central Tower which acts as a master storage unit. The energy is then stored on a rechargeable lithium-ion 6000Amh battery in the Central Tower.

4. The user can then attach any USB-rechargeable devices to the USB slots on the Central Tower to be charged. Such devices include mobile phones, tablets and e-readers.

Examples of where the TEG Module can be placed to harvest waste heat energy:

