The dryer is powered by solar using a solar panel. The power is then transferred to the battery. That has an adapter to covert the energy. The power is then supplied to the Arduino, the Arduino transfers power to the fan .The dryer has a temperature humidity sensor that measures the temperature to remain moderate for vegetable drying. This ensure that the temperature remain 150F—180F.When the temperatures are higher than the maximum temperatures the fan is automatically turns on .This is to allow the temperatures to remain moderate for healthy drying of vegetable .This will enable the vegetable to remain with its nutrients .