

Resources

ESP8266:

<http://download.arduino.org/products/UNOWIFI/0A-ESP8266-Datasheet-EN-v4.3.pdf>

Crystal Oscillator:

<http://www.mouser.com/ds/2/137/1721499-465440.pdf>

Flash Memory:

http://www.mouser.com/ds/2/590/DS-AT25SF041_044-534001.pdf

DC-DC Converter (Valve):

<http://www.ti.com/lit/ds/symlink/tps54202h.pdf>

DC-DC Converter (Pylon):

<http://www.ti.com/lit/ds/symlink/tps61201.pdf>

Solar Charger

<http://cds.linear.com/docs/en/datasheet/3652fe.pdf>

Water Sensor:

https://cdn.sparkfun.com/datasheets/Sensors/Biometric/SparkFun_Soil_Moisture_Sensor.pdf

Relays:

http://www.mouser.com/ds/2/418/NG_DS_RT2_1014-735741.pdf

http://www.mouser.com/ds/2/418/NG_DS_RT1pb_0411-728105.pdf

Linear Actuator:

<http://www.eco-worthy.com/catalog/worthy-10250mm-stroke-linear-actuator-1500n-57mms-p-457.html>

Router:

<https://images-na.ssl-images-amazon.com/images/I/C1A5V9yRAbS.pdf>

Solar Panel:

https://www.amazon.com/ALLPOWERS-Portable-Battery-Cigarette-Charging/dp/B00QRHDIPY/ref=sr_1_14?ie=UTF8&qid=1493730338&sr=8-14&keywords=12v++solar+panels

Router Antenna:

https://www.amazon.com/Antenna-Routers-RT-AC66U-WZR-HP-G450H-Nighthawk/dp/B00DMJI9TA/ref=sr_1_4?ie=UTF8&qid=1486919087&sr=8-4&keywords=9dbi+antenna

Raspberry Pi touch screen:

http://kumantech.com/kuman-35-inch-tft-lcd-display-480x320-rgb-pixels-touch-screen-monitor-for-raspberry-pi-3-2-model-b-b-a-a-module-spi-interface-with-touch-pen-sc06_p0014.html

External Antenna:

<https://www.sparkfun.com/datasheets/Wireless/Antenna/DA-24-04.pdf>

Lithium Battery:

<https://www.sparkfun.com/datasheets/Batteries/UnionBattery-2000mAh.pdf>