

Sl.	Components Name	Quantity	Specifications
2	16x2 Serial LCD Module Display for Arduino Assembled	1	I2C Address: 0x3F Backlight (White character on blue background) Supply voltage: 5V Size: 82x35x18 mm Come with IIC interface, which can be connected by DuPont Line
3	6A125VAC Toggle Switch	3	3-Pin DPDT ON-ON Mini 6A125VAC Miniature Toggle Switches
4	Actiontec Genuine 12V 2A AC Adapter	1	Actiontec Original 12V Power Adapter Model#: STD-120200 Output: 12V 2.0A Input: 120VAC,50/60 Hz,0.8A
5	Glue Gun	1	
6	Glue Stick	10	
7	Green L Type 2pin/way 5.08mm Screw Terminal Block Connector 1per	3	
8	Kilohm (KΩ) 1/4w Resistors	10	
9	ARDUINO UNO R3	1	The Arduino Uno R3 with Cable is a microcontroller board based on the ATmega328 (datasheet). It has 14 digital input/output pins (of which 6 can be used as PWM outputs); 6 analog inputs, a 16 MHz ceramic resonator, a USB connection, a power jack, an ICSP header, and a reset button. It contains everything needed to support the microcontroller; simply connect it to a computer with a USB cable or power it with an AC-to-DC adapter or battery to get started.
10	ESP8266 ESP-01 WIFI Wireless Transceiver Send Receive LWIP AP+STA M70	1	The ESP 01 ESP8266 Serial WIFI Wireless Transceiver Module is a self-contained SOC with integrated TCP/IP protocol stack that can give any microcontroller access to your WiFi network. The ESP8266 is capable of either hosting an application or offloading all Wi-Fi networking functions from another application processor.
11	Push Button Switch 4 Pin (12MM*12MM)	4	
15	Jumper Cable	5 Set(1X40)	Male to Male Male to Female
16	Wire	0.5 mm	3 Meter
17	Two Pin	2 P	
18	LED lamp	5x red 5xGreen	
19	Bread board	2P	
20	Buzzer	3P	