

## Parts list

Part	Price, USD	
Solid State Relay Solid State Relay 50A 3-32V DC / 90-480V AC	12.9	
LCD 16x2 Red	3.49	
Breadboard 830 contacts	1.94	
B10K Potentiometer 3 pin	0.675	1.35 (listed price for 2)
Arduino UNO Chinese clone	3.5	5 (maximum)
Bunch of 40 male-male Dupont jumper wires	1.5	
100 momentary switches	1.5	
2 metre silicon red and black 22 AWG cable	3.5	
TOTAL:	29.005	31.18 (realistically)

I took minimal prices I could find on eBay.

For power supply I use common USB-A-to-Mini-USB cable connected to the Common Power Supply with a USB-A receptacle (part of most modern mobile phone chargers, at least in the EU)