

Items Needed (Links found on bottom of each section incase hyperlinks don't work)

[2M Battery Powered LED Strip](#)
[12V 6W Generator Dynamo](#)
[3x2x1" Project Box/Enclosure](#)
[1/4" Hole Grommets](#)
[Medium Grip Clip](#)
[400V 1.5A Bridge Rectifier](#)
[LM2596/LM2596S Buck Converter](#)
[Hookup Wire](#)
[2 Prong Universal Shotgun Cable](#)
[Electrical Tape](#)
[USB-Micro Cable \(or cable with 4 wires\)](#)
[Zip Ties](#)
[Heat Shrink Tubing](#)
[Pushbutton-/Switch \(Not Momentary\)*](#)
[Battery \(5V 1A Output\)*](#)
[3M Mounting Squares](#)

Tools Needed

a.co/5ZTSffs a.co/lkzRICj a.co/8u75RC5 a.co/ca2Moq7 a.co/j4xmO8K
a.co/e5hsqMa a.co/fUbF9jx a.co/gJD6w8x a.co/6YR0Wis a.co/3A72hET

[Wire Striping Cutter and Crimping Tool](#)
[Soldering Iron & Solder](#)
[3/8 Drill Bit](#)
[Drill](#)
[Multimeter](#)
[Scissors](#)
[Measuring tape](#)
[Screwdrivers](#)
[Heat Gun](#)
[Calipers*](#)
[Hot Glue Gun & Glue*](#)
[Solder Helping Hand*](#)

All items linked in this article are cost-convenient and not cost-effective. Some items may be found elsewhere for less

a.co/2vuG3t4 a.co/hSfgMDh
a.co/7ak7OAM

Total of 16 Items

12 are **Necessary**
4 are **Optional**

Total of 12 Items

7 are **Necessary**
5 are **Optional**

≈\$92 (Excluding optional & non-underlined items)

*Asterisk=Recommended