

Solar Laptop Charger for Under \$100

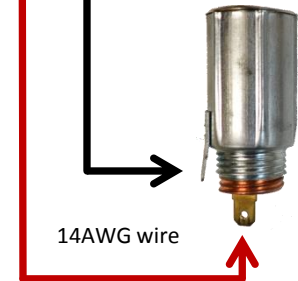
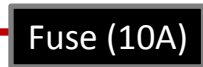
This is a basic Micro off-grid solar power system. It can also power small TVs, lights, rechargeable tools. Add more panels and battery capacity for more power to perhaps, run a small refrigerator.

20 watt 12 volt solar panel (\$40)

Solar charge controller (\$15)

AC Inverter(\$15)

AC power out to Laptop



Parts costs	\$92
Miscellaneous(wire,fuse,crimps)	\$5

Total cost	\$97

20-24AWG Wire

14AWG wire

AGM 12 volt battery
4ah or larger (\$15)

Cigarette Lighter
Connector (\$7)

- Solar panel, 12volt/20 Watts with cable
- Solar charge controller 20 amp or less
- AGM battery minimum 4ah-7ah
- 20-24 AWG and 14 AWG wire
- Cigarette Lighter Connector
- Small Inverter >100 Watts