

# Solapodz – personal power for a sustainable future

A business opportunity to manufacture solar lights and USB charging stations, using an innovative, environmentally friendly design

- Designed to be manufactured & maintained in developing countries
- No specialist tooling required
- Wooden crafted housing
- Using repurposed '18650' laptop battery cells and recycled aluminum
- Smart electronic control



Solapodz will charge your phone while you read



Finalist



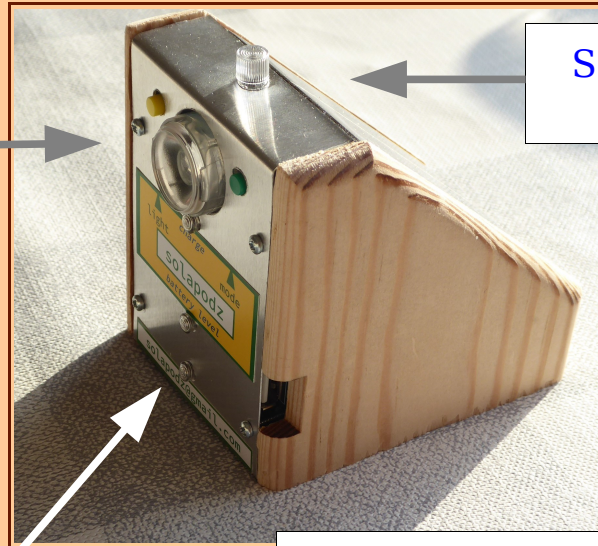
# Intelligent design, you're in control -

Adjustable high intensity LED light to suit your needs

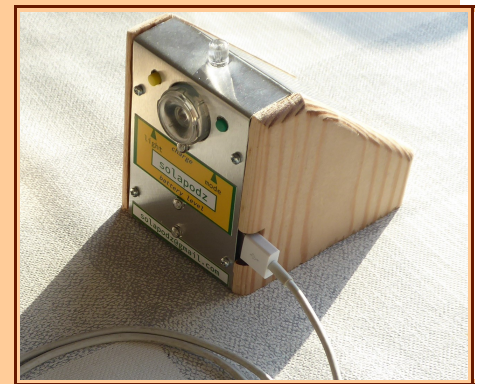
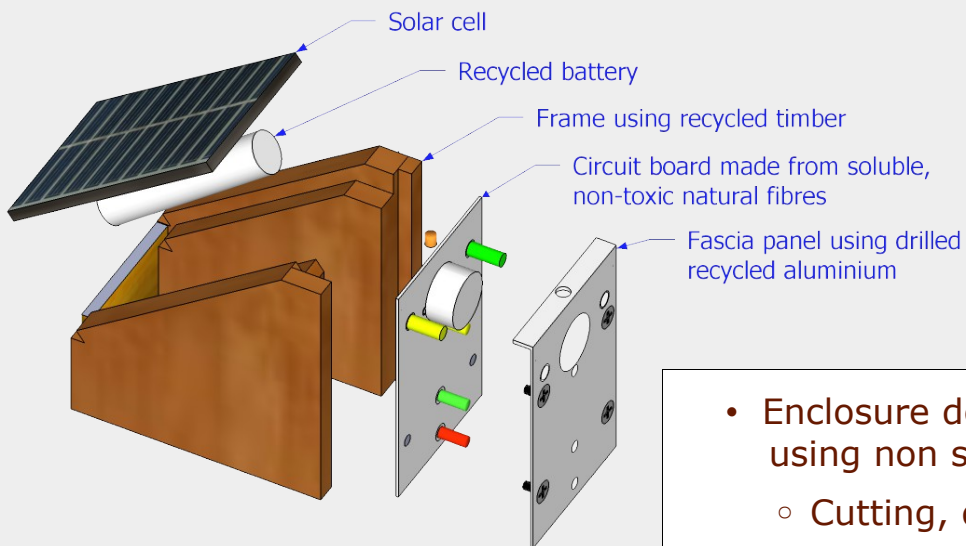
Typically 3 hours high intensity or 6 hours medium intensity light for 6 hours of good sunlight hours

Solar charging and battery status indication

Soft candle/night light option



device charging option via USB



- Enclosure designed to be manufactured using non specialized processes -
  - Cutting, drilling, bending & routing
- Variable designs can be realized to suit different solar module sizes
- Relatively simple electronic circuitry to enable broad manufacturing and maintenance



Please comment on:-

- 1) features required for a) 'developing' b) 'developed' world
- 2) price point necessary for the 'developing' market
- 3) functionality of this design
- 4) aesthetics and finish
- 5) other

thank you, Neil Rogers

[solapodz@gmail.com](mailto:solapodz@gmail.com)