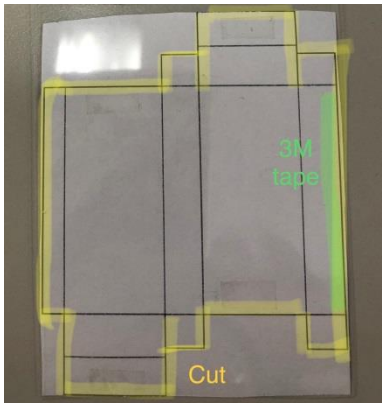
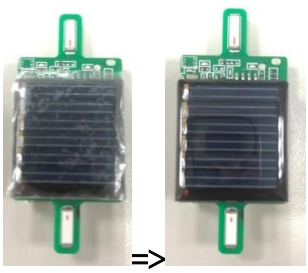
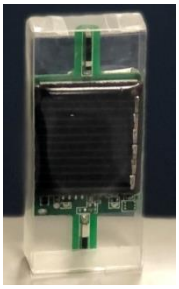
G2S solar GPS DIY materials

- 0.2mm PET https://polystore.com.au/product/transparent-200micron-50m-roll/
- 3M™ VHB™ Tape 4914, thickness 0.25mm https://www.3m.com/3M/en_US/p/d/b40065767/
- Elastic Adhesive *Cemedine Super X No.8008 (White or Black)*
  https://www.cemedine.co.jp/global/en/technology/elastic/superx/index.html

  The property of the white/black paste is more suitable for our needs. Please don't buy clear (transparent) color paste.

  This adhesive forms strong elastic layer after dry up. So it can help avoid the PET from cracking under sudden pressure. It's better to dry the glue for 3-4 days or even 7 days because the glue between the two PET foils dries very slowly. Use a clip to keep the PET in place before the glue dries up.

Advice to make a waterproof box.

<table>
<tr>
<td>1. Make a PET box. Cut yellow line & fold the dotted line.
 
</td>
<td>2. Fix with 3M tape
 </td>
<td>3. Glue one end with Super X. Clip the box till glue has dried up.
 </td>
</tr>
<tr>
<td>4. Use a plastic pin to press the golden point(micro switch) at the corner to turn on the device. (Very important!) Link this G2S with App right away, enable Bluetooth all the time and schedule GPS to enable after xx/xx date and very long GPS interval in order to save power.
 </td>
<td>5. Fully charge G2S through micro-usb and remove the protection film on solar panel before putting the PCB into the PET box.
 
</td>
<td>6. Seal the PET box using Super X and wait for another few days till glue gets dry. Charge G2S through solar panel regularly check battery status via App to prevent over-discharged. Change configuration before using it.
  </td>
</tr>
</table>