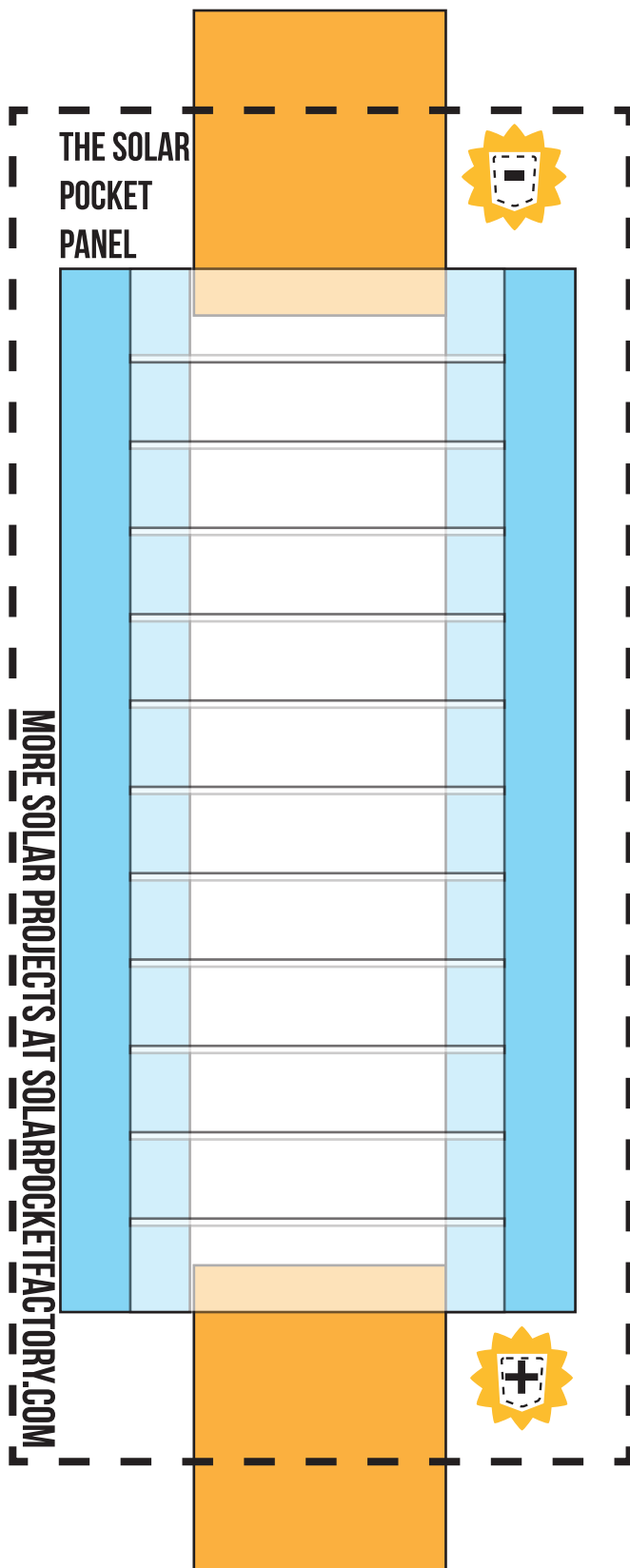


THE SOLAR POCKET FACTORY

SWEET SOLAR PANEL TEMPLATE

things you'll need:

12 solettes one other piece of PET
doublestick tape one piece of EVA
copper tape



make it:

- cut out two pieces of copper tape, according to the template, and set them aside for later
- cut out the template along the dotted lines
- cut out one more pieces of PET and one piece of EVA to the same size as the template
- Stick the two pieces of copper tape down onto the template. Fold the extra length around to the other side
- Lay down two pieces of double-stick tape on either side of the copper tape.
- Place the first solette over the copper tape next to the "+" mark on the template. You can line it up with the printed lines
- Place each solette so it overlaps the last one by about 1mm, like shingles. Use the lines as a guide
- After you've placed all the solettes, make a lamination sandwich. Place a layer of EVA on top of the solettes, and then a piece of PET with the rough side down
- Run the panel through a laminator three times on high heat. Test it with a voltmeter under the sun--it should give out 5.5V. Congratulations! You just made a solar panel!