

# Thee Solar Factory, LLC

Doug Thorpe  
Mt Sterling, Kentucky

## Our Goal :

Solar Rail, Wiring, Panel, & Roof that are obvious & quick to install w/little instruction. Rail shipped pre-assembled and fasten directly to roof decking. Tabs create waterproof seal w/membrane or shingles.

**PROBLEMS** 1: Flexible panels & shingles don't allow convective cooling air behind panels.  
2: Competitive rails require MANY parts

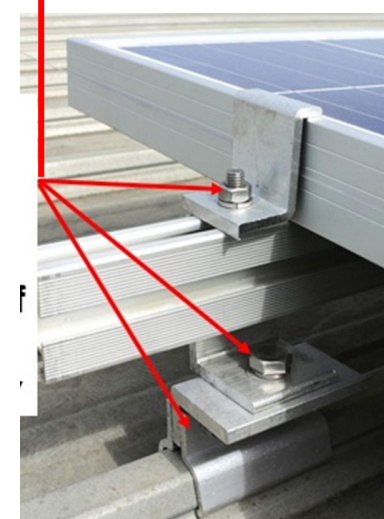
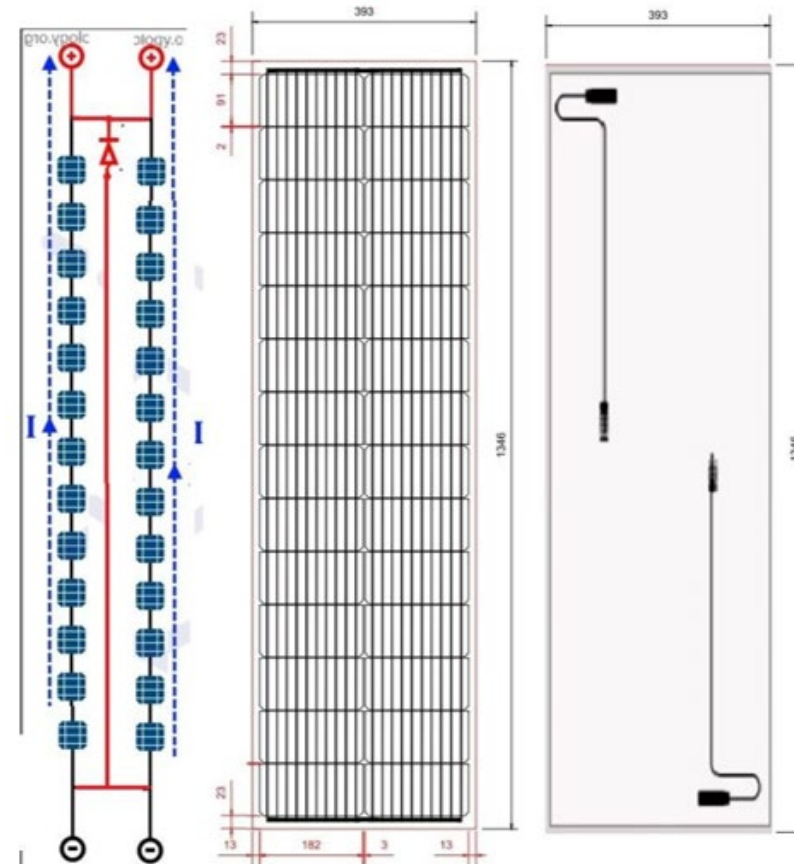
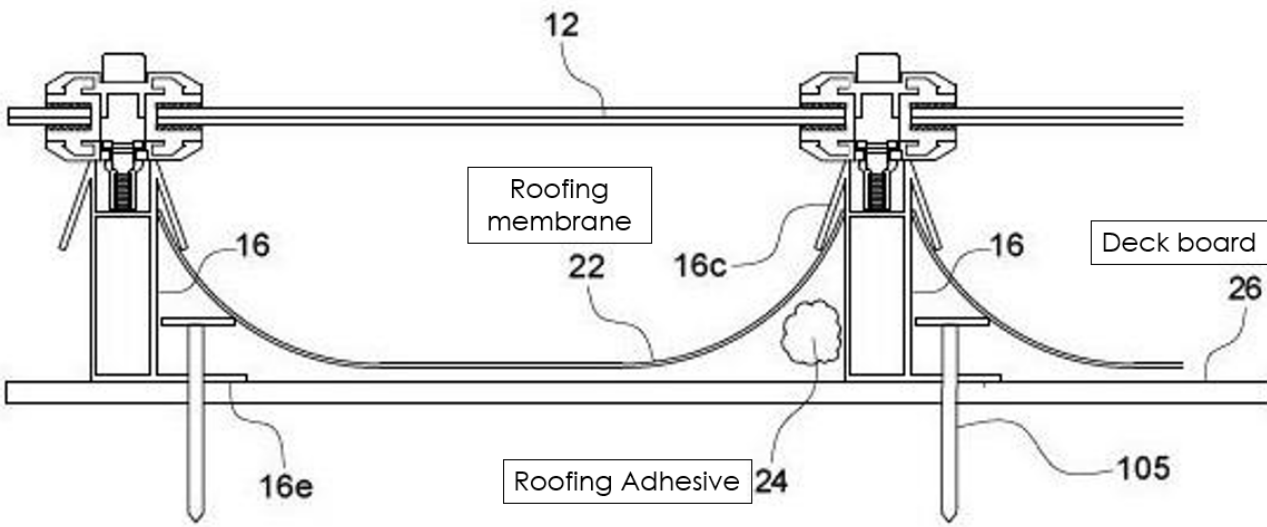
## OUR INNOVATION: ALL INCLUSIVE SOLAR RAIL

Our Clever Eng: 100watt-panel that creates vertical arrays – looks like metal roof

**VS**

**Competition**

17 parts (9 unique)  
1 man-hour/panel  
to install



Expect to sell \$83M by 2028 of \$12.6B national market.  
Our customers are DIY and roofers who want to install solar & make more profit per customer  
Sell @ \$1.50/watt to customers or \$1.00/watt to NPO's