



EZ - PV

1. Patent # 10,388,802 Rapid Solar Shutdown (RSS):A System and Method for Synchronized Rapid Shutdown of Electric Devices for Life Safety and Code Compliance;
2. Patent # US 11,283,396 : Panel Mounting System and Method for Rapid Layout and Installation
3. Patent Pending # 2022-0182012 Solar Panel with Integral Cable Management and Wire Protection

SolarOff Product and patents focus on three main issues in the solar industry: Affordability: Durability: Life Safety and Property Damage

For First Responders
SolarOff RSS eliminates all DCDC voltage when Grid is disconnected
No risk of Electrocutation from High voltage emanating from any modules

For Building Owners and Insurance Companies
Buildings have less risk of Property Damage and fire

For the Installer
Interlocking Panels slide together Fast and align automatically
NO parts to handle, drop, order, inventory and only one tool needed
Reduces install hours by 1422% with wire protection included

For the manufacturer::Assemble line and processes do not change
Increase sales: Meet code requirements in the junction box
Costs under .03 per wt for 3 combined improvements

1. Interlocking ModuleFrame with Captured Hardware
2. Wire Management and Protection
3. Junction Box Level Rapid Solar Shut down

Independently or combined, these offer a solar panel that will be in immediate demand. Here are simple solar Module “tweaks” *that can be cost neutral to manufacture*, make installs easier and less complicated for contractors, system designers, and an advantage for the entire sales team.

These 3 Solar Module Improvements are incorporated into one Standard Module for Rapid Installation, Protection of Solar Module Wires and Electronics, and Life Safety (RSS)