

# Sun Innovations, Inc.

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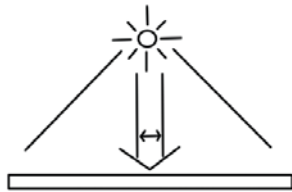
## Turbo Solar Module

*Turbo output technology gives your solar cells or modules a 10% efficiency boost!*

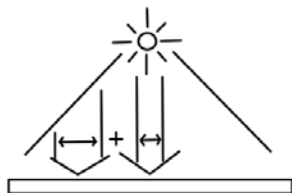
By putting our patent-pending nanoparticles on your solar cells or modules, you can dramatically improve output. Most solar cells have 7% -15% efficiency at this time, with some at 20%, and we increase this by 10%. Thus, a 15% efficient solar cell would become 16.5% efficient.

How do we do it? Our unique nano-phosphors are coated in a clear layer over the solar cell. Visible light passes through to the solar cell to make energy, while we convert UV light to visible light on the surface of the solar cell. This boosts the amount of light energy being converted, increasing the energy produced, as well as reducing the damage to the solar cell from UV light. More energy. Longer cell life. Turbo Solar Module.

Who else is hot to use this technology? NASA. We're funded in part by a NASA grant to help extend spacecraft life by reducing damage from X-Ray and Gamma radiation. The same effect used to reduce damage to spacecraft can be used to extend solar cell & module life, as well as boosting output.



*Normal solar flux conversion to energy: ~520-900 nm*



*Turbo solar flux conversion to energy: ~0-900 nm*

### The Turbo Experience!

- Converts UV light so the energy is captured
- Boosts energy output roughly 10%
- Extends solar cell/solar module life