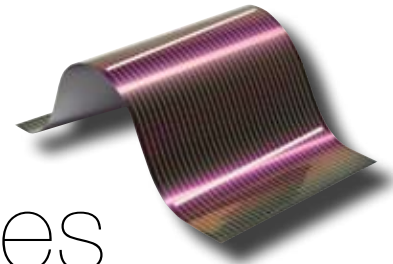




G L O B A L S O L A R



POWER the Possibilities

Global Solar Energy, Inc. introduces its Generation 2 product line as the latest addition to the rapidly evolving solar market, providing a low cost thin film alternative for traditional module manufacturers, as well as a flexible and lightweight solar material to enable the next generation building integrated photovoltaic (BIPV) markets.

Global Solar Energy, Inc. is the industry's leading manufacturer of PowerFLEX™ high efficiency Copper Indium Gallium DiSelenide (CIGS) solar material on a flexible substrate. The proven, controlled and stable production process delivers lightweight and flexible photovoltaic (PV) material for integration into traditional glass power modules and BIPV products.

With the rapid growth in the thin film solar market, Gen 2 CIGS strings are a drop-in replacement for traditional module production processes, offering standard module manufacturers a low cost alternative to entering the thin film market. In addition, the Gen 2 solar material offers BIPV product designers and integrators the solution to creating solar energized building products.

Founded in 1996, Global Solar Energy has achieved the highest average solar cell efficiency in full-scale production manufacturing CIGS on a flexible substrate. The company's roll-to-roll thin film CIGS manufacturing process uses readily available and abundant raw materials to create a compound semiconductor solar cell with a bandgap energy tuned to the solar spectrum. A key feature is the active PV layer is less than 3 microns thick compared to 150 to 200 microns used in standard polycrystalline silicon solar cells. The benefit is a lower production cost.

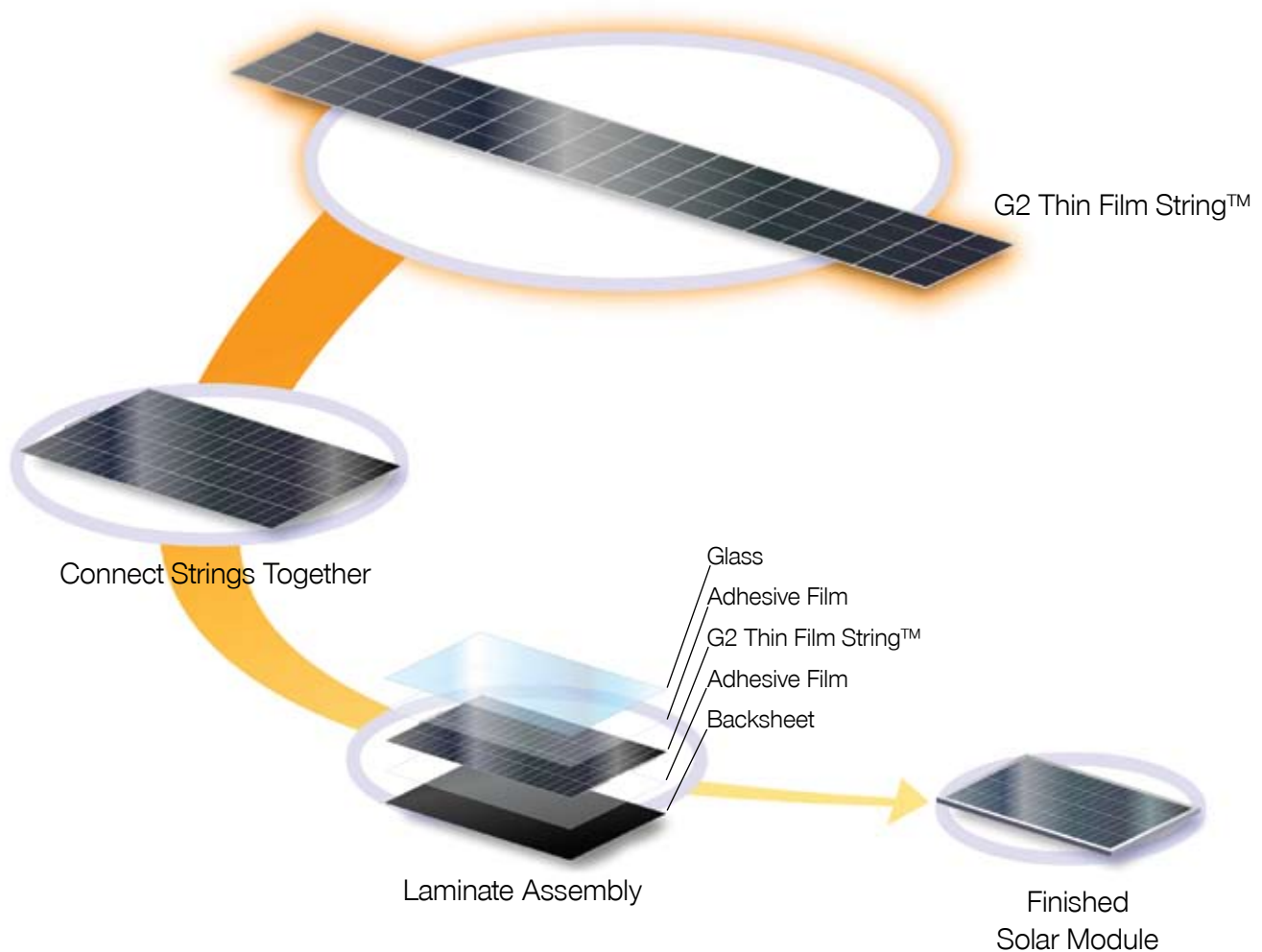
Global Solar continues to expand its operations and thin film manufacturing capacity around the world adding new multi-megawatt plants in both Europe and the United States.

Gen 2

thin film **string**™

Thin Film Power

Standard Glass Module



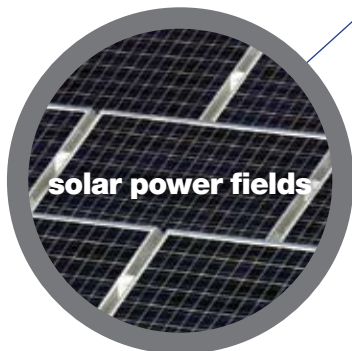
Next Generation Concepts

Building Integrated Photovoltaic (BIPV)



G2 thin film **string**TM

POWER the Possibilities



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