




Suniva[®]
The Brilliance of Solar Made Sensible



***From the world's leading PV research labs
comes sensible solar.***

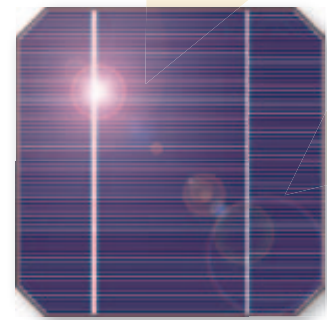
- High-power, low-cost monocrystalline cells
- High power-density modules *Powered by Suniva™*

Leading the Industry

Suniva® develops, manufactures and markets high-power, high-efficiency, low-cost silicon photovoltaic (PV) cells, and collaborates with our partners to offer high power-density modules exclusively *Powered by Suniva™* cells.

Suniva's cells provide higher efficiency and more power at less cost than our competitors. Our Powered by Suniva™ modules offer 85+% U.S.-made content, superior power-density and reliability.

Our team leads the industry in combined expertise in PV technology and manufacturing. We employ a unique development approach that enables us to deliver optimum cell performance while dramatically cutting the cost of PV-generated electricity over time.



This is Suniva®

From the leading PV research labs in the world comes sensible solar

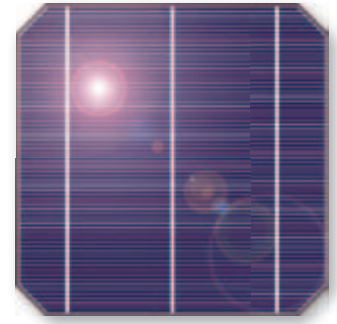
Suniva® evolved from the exceptional work of Dr. Ajeet Rohatgi of the Georgia Institute of Technology's University Center of Excellence in Photovoltaics (UCEP), the USA's premier PV research center. Suniva® has exclusive license to the critical patents and intellectual property developed at UCEP over the past two decades. Our close collaboration with UCEP provides support for our valuable research and modeling techniques and our deep process know-how, known as Integrated Cell Design and Development. We have the ability to optimize every layer of the crystalline silicon cell for the highest conversion efficiency at low cost.

Suniva's goal is to reduce the cost of PV-generated Levelized Cost of Energy (LCoE) to meet the costs of conventional grid power (grid parity). We achieve this goal by producing some of the highest-power PV cells and modules in the industry, with low-cost manufacturing processes.



A Roadmap for Optimizing Efficiencies, Costs and Quality

Suniva's cells are in an elite performance and affordability category that few manufacturers attain. We are producing cells with more than 18% efficiency in 2009, with continual increases in performance at both the cell and module level. Our Technology Roadmap focuses on optimizing cell processing techniques to increase Suniva® cell efficiency to approximately 20% over the next year at a lower cost than today.



***High-efficiency, low-cost monocrystalline solar cells,
made in the USA.***

What Sets Suniva® Apart

The intersection of high efficiency and low cost meets at Suniva®

Suniva® differentiates by using proprietary, low-cost processing techniques (with no exotic or hazardous materials in the finished product) supported by the most rigorous electrical, visual and mechanical quality testing. This ensures that Suniva® cells and modules deliver high efficiency and high power-density with minimum degradation over time. We continue to work closely with our customers to ensure the advantages of our technology are optimally utilized in modules and other industry products.

efficiency

Collaborating for the Future of Solar

In addition to manufacturing high-power monocrystalline cells, Suniva® collaborates with our partners to offer photovoltaic modules made to our specifications, and exclusively *Powered by Suniva™* cells. With more than 85% U.S.-made content, Suniva-branded modules offer reliability, affordability, high-efficiency, and one of the highest power-densities in the market. As a recognized leader in the world's energy economy, Suniva® works with our customers to ensure mutually-beneficial collaboration and partnerships.

Higher power-density = lower BOS costs

collaboration

Moving Solar to Grid Parity for All



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