



## Suniva ARTisun™ Select Solar Cells Averaging 19 Percent Efficiency in Production

*Pioneering Technology and Manufacturing Innovation Yields World-Leading High-Efficiency Cells; Now With Tighter Color Band*

**Norcross, Ga. – April 4, 2012–** [Suniva, Inc.](#), a U.S. manufacturer of high-efficiency crystalline silicon solar cells and modules, today announced that its [ARTisun™ Select](#) series solar cells are now averaging 19 percent efficiency in plant-wide production. In addition to the improved efficiencies, ongoing process improvements have yielded tighter cosmetic specifications, including a more narrow color band to create a more cosmetically uniform module.

Suniva's continued research, innovation and deep experience have led to these most recent cost-effective cell-efficiency improvements. In 2011, the company formed its Manufacturing Innovation Center to improve processes and enhance performance. Suniva's unique, low-cost approach achieves these efficiency gains without the added steps and processing costs that traditionally characterize the means of increasing performance, thus avoiding the complexities and premiums of enhanced performance.

"These power levels are a stepping stone for us at Suniva, as we continue to produce the highest efficiency, highest performing cells at a sensible cost for today's photovoltaic market," said Bruce McPherson, vice president of research and development for Suniva. "With our pioneering proprietary work to produce the ARTisun Select cells, we have overcome the production and cost challenges traditionally associated with high-efficiency manufacturing. We feel confident our Select cells will continue to achieve increased production average efficiencies beyond 19.2 percent during 2012."

The new cell efficiencies are available immediately to cell customers and are incorporated into the company's high-powered, flagship Optimus modules that contain more than 80 percent U.S. content. Buy-American Act compliant versions are also available. For more information on Suniva's PV module product line, please visit [www.suniva.com](http://www.suniva.com).

### **About Suniva**

Suniva® is an American manufacturer of high-efficiency crystalline silicon photovoltaic (PV) solar cells and high-power solar modules. The company uses patented, low-cost manufacturing techniques and industry-leading technology to produce its high-quality products and maintain competitive costs. Headquartered in metro-Atlanta, GA, Suniva sells its advanced PV cells and modules globally. For additional information on how Suniva is making solar sensible, visit [www.suniva.com](http://www.suniva.com).

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