



**Buying American product  
from an American company  
just makes sense.**





#### **WHO WE ARE**

Suniva is an American company, headquartered in metro-Atlanta, Georgia. The company evolved from the Georgia Institute of Technology's University Center of Excellence in Photovoltaics (UCEP), the USA's premier PV research center. Suniva is one of few solar PV companies to produce high-quality, high-efficiency, monocrystalline silicon solar cells and modules using patented low-cost techniques in the United States of America.

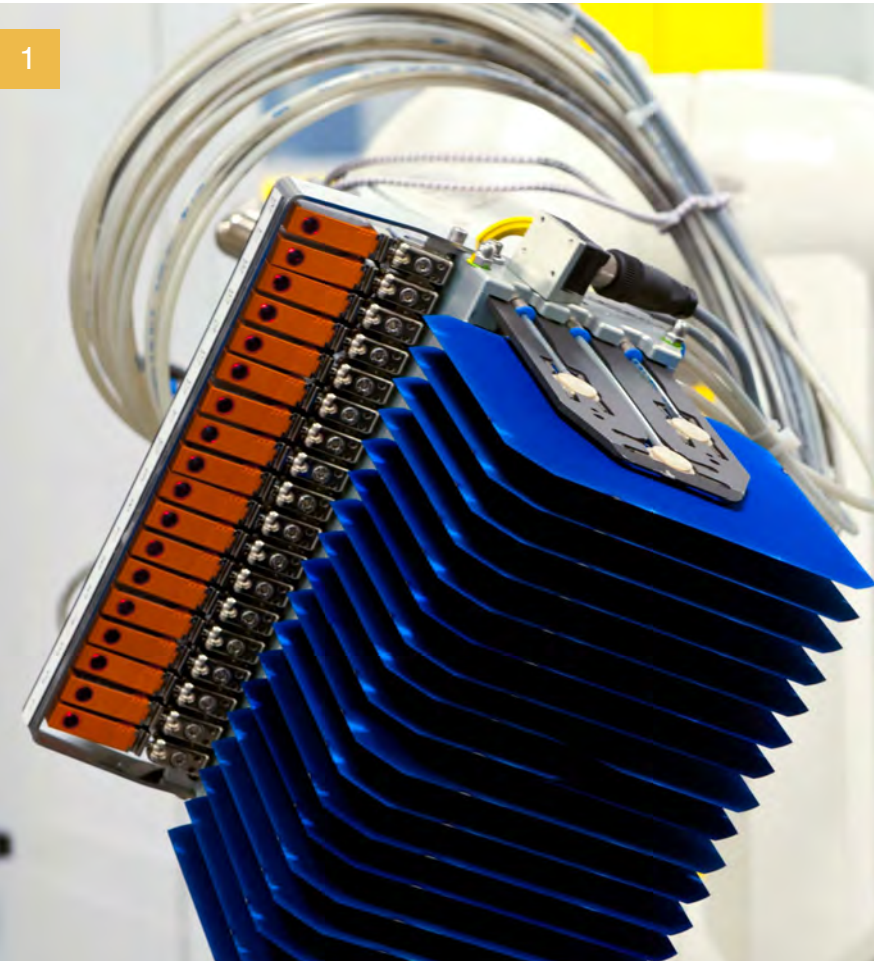
#### **SETTING THE STANDARD FOR SENSIBLE SOLAR**

Suniva has one of the most skilled teams in the industry, with decades of experience in PV research, design, manufacturing and entrepreneurship. Since Suniva's inception in 2007, the company has focused on manufacturing the highest quality solar cells while achieving high-efficiencies using low-cost manufacturing techniques. The company now makes some of the most sought after high power density modules in the industry.

#### **WHEN QUALITY MATTERS**

Quality and efficiency are critical to a long-lasting PV system. If you intend to own a PV system for many years, Suniva's high-quality and high-efficiency products are your optimal choice.

**AMERICAN TECHNOLOGY LEADERSHIP  
GREEN JOBS WORLDWIDE**



### REDEFINING MANUFACTURING

Suniva's objective is to improve the manufacturing process for silicon solar cells and modules to reduce the cost of PV ownership to rival conventional grid power costs. We are achieving this by implementing innovative and cost-effective technology, reducing raw materials consumption and increasing efficiencies. Suniva is the first company to successfully leverage ion implantation as an enabling technology in the production of solar cells. The use of ion implantation has enabled Suniva to use fewer processing steps while maintaining quality and improving cell performance and power output.

### THE EFFICIENCY EQUATION

Suniva modules contain the highest quality materials, beginning with one of the highest efficiency cells on the market. High power density modules require less installation space and balance of systems equipment, resulting in a lower \$/watt cost. Suniva modules produce more energy over the lifetime of the system resulting in a lower levelized cost of energy (\$/KWH).

<sup>1</sup> PECVD robot on manufacturing line, Suniva's metro-Atlanta headquarters

<sup>2</sup> The world's first production ion implanter for solar cell processing

**INDUSTRY LEADING TECHNOLOGY YIELDS  
MODULE EFFICIENCIES OF OVER 16%**



### **MAXIMIZING POWER IN ANY SPACE**

Suniva's patented cell technology yields high-powered modules that produce more power per unit area at a competitive cost. High-powered modules are the key to optimizing power produced in a constrained area, such as rooftops or carports. Ask a Suniva sales representative about how your rooftop can not only provide you with shelter, but also how it can harvest free energy from the sun and reduce power costs and CO<sup>2</sup> production.

### **GOVERNMENT, COMMERCIAL, RESIDENTIAL AND AGRICULTURAL**

Experience matters, and we are proud to have a seasoned team of professionals who will help you achieve your solar goals. Whether it is Department of Defense mandates, feed-in-tariff deadlines, grid-tied or off-grid installations, Suniva's team of experts can provide you with quality PV solutions to meet and exceed your solar energy needs.

<sup>3</sup> Suniva's manufacturing headquarters in metro-Atlanta

<sup>4</sup> Committed Suniva employees take time to smile for the camera

**SUNIVA'S TEAM OF PV EXPERTS IS COMMITTED TO THE HIGHEST QUALITY MATERIALS**



### **GLOBAL LEADER IN THE NEW ENERGY ECONOMY**

As a global leader in low-cost PV manufacturing, Suniva has earned a reputation for creating sensible solar, which helps to promote the practical adoption of solar energy worldwide. Suniva's products bring you the right balance of high-efficiency and low-cost, using American technology from an American company. Suniva's products are "Buy America" compliant and are qualified for United States' Export-Import Bank (EXIM) financing. Suniva exports its cells and modules worldwide and won the EXIM Bank's 2009 Renewable Energy Exporter of the Year award.

### **SUNIVA POWERS THE PLANET**

As a recognized leader in the global energy economy, hundreds of megawatts of Suniva's products are installed worldwide. We continue to expand our commitment to solar energy as a clean, affordable and sensible solution to power the planet.

<sup>5</sup> A Suniva quality assurance operator maintains high quality standards

<sup>6</sup> Suniva CEO, John Baumstark, with President Obama at EXIM Bank awards ceremony

**HEADQUARTERED IN THE USA, SUNIVA OFFERS  
BUY AMERICA COMPLIANT MODULES**





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