

## Case Study:

### **University of California San Diego**

Owned by Solar Power Partners, LLC

San Diego, California

*“The benefits of this type of sweeping project are far-reaching and long-lasting, and Borrego is proud to take part in this monumental effort by installing a solar energy system that will ensure the consistent production of renewable energy for years to come.”*

– **Aaron Hall**, CEO of Borrego Solar Systems, Inc.

## System Specifications

### **System Size**

1,186.95 kW

### **Estimated Yearly Power Production**

1.8 million kWh/year

### **System Configuration**

**Utility Interaction** - Grid Connected

**Solar Modules** - 5,790 Kyocera

**Inverters** - 7 SMA 5kV inverters;  
15 SMA 7kV inverters;  
6 Xantrex GT100480 100kW  
480 volt 3 phase inverters;  
1 Xantrex GT250480 250kW  
480 volt 3 phase inverter

**Batteries** - None

**Charge Controllers** - None

### **Mount Structure**

UNIRAC

Solar Trees™ by Envision Solar

### **Unique Feature**

The Solar Trees™ serve as a solar parking structure or carport.

### **Location**

University of California, San Diego

### **Date Completed**

September 2008

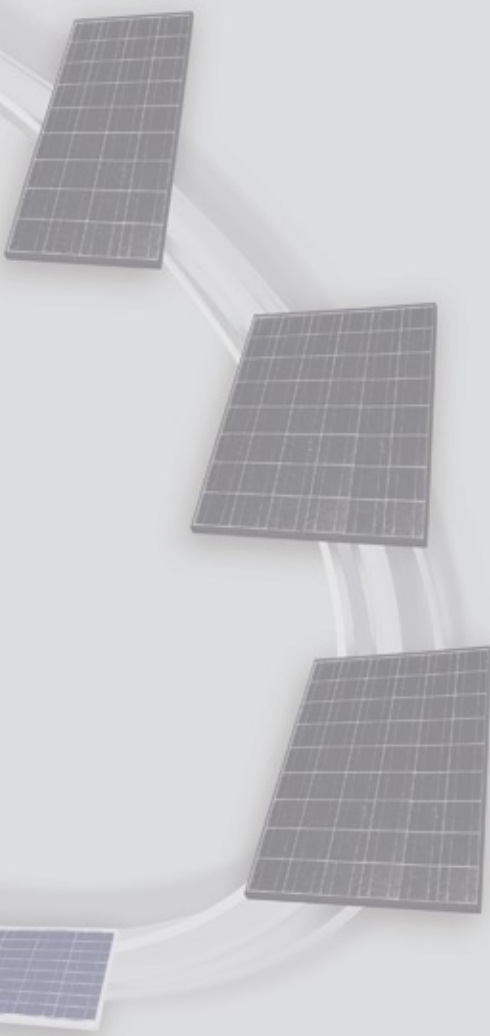
### **Designer/Installer**

Borrego Solar Systems

Envision Solar



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### **About Borrego Solar Systems, Inc.**

Established in 1980, Borrego Solar Systems, Inc. is one of the nation's leading designers and installers of commercial, residential and public sector grid-connected solar electric power systems. Borrego Solar's photovoltaic systems are efficient, reliable and cost-effective. With more than two decades of experience and more than 800 installations, Borrego Solar offers a complete line of design and installation services throughout California and New England. For more information, visit [www.borregosolar.com](http://www.borregosolar.com).

### **About Envision Solar, Inc.**

Officially formed in 2006, and based in San Diego, California, Envision Solar is the evolution of the team that designed and built an attractive and unique photovoltaic carport system called a Solar Grove™ in 2004 to 2005. The Solar Grove™ has received major design, innovation and environmental awards, and continues to be recognized as a model for the future of responsible, sustainable design.

Envision Solar offers turn-key design build services that eliminate the confusion around solar power; designing structures that support PV modules in an aesthetically pleasing, very visible, value enhancing way, managing all aspects of the project from start to finish and providing a range of financing options that take advantage of federal and regional tax incentives. Please visit <http://www.envisionsolar.com> to learn more.

### **About Kyocera Solar, Inc.**

**Kyocera Solar, Inc.** is a world-leading supplier of environmentally sound, solar electric energy solutions. With operating headquarters in Scottsdale, AZ and regional sales centers in the U.S., Brazil and Australia, Kyocera Solar, Inc. serves thousands of customers in both developed and developing regions. The company is a wholly-owned subsidiary of Kyocera International, Inc. of San Diego, the North American headquarters and holding company for Kyocera Corporation, based in Kyoto, Japan. For more information please visit [www.kyocerasolar.com](http://www.kyocerasolar.com).

**The Kyocera Corporation** (NYSE: KYO) is the parent and global headquarters of the Kyocera Group, founded in 1959 as a producer of advanced ceramics. By combining these engineered materials with metals and plastics, and integrating them with other technologies, Kyocera Corporation has become a leading supplier of solar energy systems, telecommunications equipment, laser printers, copiers, semiconductor packages, electronic components and industrial ceramics. In fiscal year ending March 31, 2008, the company's net sales totaled 1.29 trillion yen (approximately \$12.9 billion). For more information please visit <http://www.kyocera.com>.

Under continuous development since 1975, solar energy products recently became Kyocera's fastest growing business. By 2011, Kyocera plans to be producing 500 megawatts of solar modules annually – a "carbon impact" comparable to adding 146 square miles of forest to the Earth every year.



**KYOCERA SOLAR, INC.**  
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