

FIRST SOLAR AND SMA

Powering Projects Worldwide



Photo: Business Wire

Agua Caliente Solar Photovoltaic Facility, Yuma County, AZ, 290 MW

With more than 35 years and 65 GW of proven global experience, SMA is the market leader in solar inverter technology. SMA offers a full range of innovative solutions designed with flexibility, efficiency, and reliability in mind. High quality, dependable products mean reduced risk and better ROI for our partners and customers.

WHY CHOOSE SMA?

Ranked the #1 inverter brand by IHS for 10 years running, SMA is committed to developing solutions that meet the needs of today's global solar market. A complete product portfolio includes optimal solutions for all requirements worldwide, including all PV applications—on-grid, off-grid, and backup—and all PV performance ranges—residential, commercial and industrial, and utility.

SMA also has a full range of planning, monitoring and control solutions, which have been recognized as the top in the industry among researchers.

When it comes to large-scale PV plants, SMA's Sunny Central 2750-EV-US inverter, which utilizes 1,500 V technology, is an ideal solution for maximum power density and integration. With 10% more power than previous models, the Sunny Central 2750-EV-US yields more power and reduces installation costs. SMA's Sunny Central inverters also offer the widest 1500 V operating voltage ranges currently available in large-scale, highly efficient, single stage inverters.



FIRST SOLAR + SMA

With thousands of SMA inverters connected to First Solar modules, First Solar and SMA have partnered on some of the largest projects in the world, including the largest in North America. The Sunny Central 2750-EV-US is compatible with First Solar's Series 6 modules—and SMA's wide MPPT and operating ranges provide First Solar's projects with the maximum stringing flexibility for all possible environments.

Together, these products set a new standard for superior reliability, performance and power production.

World-Class System Design with SMA and First Solar

SUNNY DESIGN WEB: SIMPLIFIED SYSTEM DESIGN

Now including First Solar Series 6 modules for commercial and utility-scale PV plants, Sunny Design Web makes designing PV plants is easier than ever.

Accessible from a mobile device or web browser, its user-friendly interface, along with exclusive features when registered, helps system designers to visualize PV system designs and create the ideal configuration. In addition to technical descriptions of various components, the software provides data for an economic evaluation of PV systems.

Sunny Design Web saves solar professionals valuable time, and results in a customized PV system.



FIRST SOLAR'S PLANTPREDICT

Additional design tools are available through First Solar's PlantPredict, a cloud-based web application that allows users to develop solar energy estimates for utility-scale PV applications. PlantPredict also features SMA inverters.

PlantPredict is superior to conventional modeling tools in large part because of its cloud-based architecture, giving it more flexibility and security than typical desktop software applications. Users can share their data securely within their company's PlantPredict community while maintaining peace of mind that their data is not spread across several desktop computers.

