

Press Release

SMA America

SMA America's Sunny Central Compact Power Line Now Available

Award-Winning, Outdoor-Rated Inverters Ideal for Utility-Scale Projects

ROCKLIN, Calif., Nov. 30, 2010—[SMA America](#) is now securing orders for its Sunny Central Compact Power (CP) line of solar inverters. This outdoor-rated line includes the [Sunny Central 500CP, 630CP, 720CP, 760CP and 800CP](#), which won the Intersolar Award 2010 in the photovoltaics category. These inverters join the Sunny Central High Efficiency (HE) line in SMA's North American utility-scale lineup.



SMA Sunny Central 800CP Solar Inverter for Utility-Scale PV

Photo courtesy of SMA America

"With industry-leading power output and efficiencies of 98.6 and 98.7 (630CP) percent, the Sunny Central CP inverters are the ideal building blocks for utility power plants of any size," said Jurgen Krehnke, president and general manager of SMA America. "They are available for delivery to our North American customers."

The Sunny Central CP features a compact design that not only makes it easy to load and transport, but also able to be installed almost anywhere, providing integrators with a variety of configuration options. The outdoor-rated CP series inverters can be placed on a simple concrete pad or under

a basic shade structure. Two Sunny Central CP inverters can be combined with one medium voltage transformer to provide up to a 1.6MW packaged skid solution, which simplifies large-scale deployment.

In addition to protecting against chemical-aggressive environments, the Sunny Central CP's weatherproof enclosure is partitioned to shield sensitive electronics from dust and debris. These two sections are cooled by direct ventilation and a heat exchanger via SMA's patented OptiCool® active temperature-management system, which allows the Sunny Central CP inverters to maintain full power in ambient temperatures up to 122 F. In temperatures below 77 F, their peak continuous power is 110



percent of rated output, resulting in increased yields and a lower levelized cost of energy.

Integrated grid management features such as remote control of active and reactive power; automatic over-frequency response; automatic power factor adjustment; power curtailment; and low voltage ride through provide system operators with essential grid stability tools, making Sunny Central CP inverters extremely grid-friendly. SCADA options via modbus and the [SMA OPC Server](#) ensure optimum communication and control.

Another cost-reducing feature found in the CP line is SMA's intuitive Optiprotect technology, which monitors up to 1,600 individual strings for potential failures while differentiating between extended and temporary disturbances. An auto-adaptive start-up, without configuration, and a short automated learning phase simplify and shorten installation.

Sunny Central CP inverters are also available with an industry-best 99 percent uptime guarantee and optional extended warranties up to 20 years.

About SMA

The SMA Group generated sales of EUR 934 million in 2009 and is the worldwide market leader for photovoltaic inverters, a key component of all solar power plants. It is headquartered in Niestetal, near Kassel, Germany, and is represented on four continents by 15 foreign subsidiaries. The Group employs a staff of over 5,500 (incl. temporary workers). SMA's product portfolio includes the most comprehensive range of inverters on the market, offering a compatible inverter for every type of photovoltaic module and for all plant sizes. The product range covers both inverters for photovoltaic plants connected to the grid as well as inverters for off-grid systems. Since 2008, the Group's parent company SMA Solar Technology AG has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and also in the TecDAX index. In recent years, SMA has received numerous awards for its excellence as an employer. www.SMA-America.com

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Photo Caption: SMA Sunny Central 800CP Solar Inverter for Utility-Scale PV

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