



SMA Solar Technology AG—Press Release

Best in class: SMA introduces new inverters Sunny Central UP and Sunny Highpower PEAK3 at REI Expo 2018

New Delhi, September 14, 2018 - SMA Solar Technology AG (SMA) has expanded its portfolio for utility-scale inverters with the Sunny Central UP. The inverter for centralized PV power plants with DC voltages of 1,500 V and an output of 4600 kVA is one of the largest central inverters in the solar market worldwide and will be shown at the Renewable India Expo (Booth number 73, Hall 3) for the first time. Guests at the SMA Booth will also have the opportunity to get to know all about the brand new Sunny Highpower PEAK3 inverter. The 1,500V string inverter offers high power density in large-scale PV plants with decentralized design.

"India is not only a key market for SMA in the Asia Pacific region but also one of the most important solar markets in the world. That's why we selected India as the place for the first global launch of the brand new Sunny Central UP. In the last few years we have seen the rapid development of the solar market in India. SMA is committed to helping boost the performance and growth of the Indian solar industry in the upcoming years. As a global leader of solar inverter manufacturers, we are bringing highly innovative products to support our Indian customers and partners with optimized solutions for PV installations of all sizes to produce cleaner solar power and gain highest return on investment", said John Susa, Executive Vice President of SMA Sales North America and APAC.

More Power per Cubic Meter

Indian customers are privileged to see the new Sunny Central UP prior to any other market in the world. With an output of up to 4600 kVA and system voltages of 1500 V DC, the SMA Sunny Central UP inverter brings a power output jump of >50%, allows for more efficient system design and a reduction in specific costs for PV power plants. A separate voltage supply and additional space are available for the installation of customer equipment. True 1500 V technology and the intelligent cooling system OptiCool ensure smooth operation even in extreme ambient temperatures as well as a long service life of 25 years. This DC coupling ready inverter enables the PV plus storage application coupled in a single inverter which will take the PV sector beyond grid parity and towards the future of a distributed energy world.

Superior Modular Solution for Utility PV Power Plants

The new Sunny Highpower PEAK3 is SMA's latest addition to a comprehensive portfolio of utility solutions. This 1,500 VDC string inverter offers high power density in a modular architecture that achieves a cost-optimized solution for utility-scale PV integrators in large-scale PV plants with decentralized architecture. With fast, simple installation and commissioning, the Sunny Highpower PEAK3 is accelerating the path to sustainable and cost-efficient energy supply. SMA has also brought its field-proven Smart Connected technology service to the PEAK3, which simplifies O&M and contributes to lower lifetime service costs. The PEAK3 utility system solution is powered by the ennexOS cross sector energy management platform, 2018 winner of the Intersolar Europe smarter E AWARD.

PEAK3 stands for pure power. With its compact design, the inverter offers the highest power density per device. The advantages: optimal performance at a light weight. The result is cost-efficient transportation and easier installation. In



combination with the project-specific DC Combiner Boxes, the PV array can be oversized up to 150 %. The ennexOS Data Manager completes the system and enables it to fulfil all of the grid operator's requirements.

The Ideal Choice for Commercial Rooftop and Ground Mounted Solar Plants

The SMA SOLID-Q series offer you unmatched performance to price ratio. You will benefit from SMA reliability. 3 MPPTs with 10 inputs offer high design flexibility in applications ranging from large rooftops to mountainous regions or shaded installations. The inverters are designed and tested to return high yield also under adverse environmental conditions.

One of the first large solar PV plants in India was powered with SMA central inverters in 1996. Ever since, SMA has been strongly committed to the Indian market and also opened its designated sales and service subsidiary in India in 2010 offering products and solutions for centralized and decentralized PV power plants as well as for commercial PV applications. With inverter sales in India exceeding 3.5 GW, SMA's full range of solar inverters with highest standard of quality and reliability helps it maintain a leading position in the Indian solar market. SMA innovative and optimized solutions for every type of photovoltaic application offer people and companies worldwide greater independence in meeting their energy needs in the most efficient way. SMA clearly understands that the different PV applications have different system requirements and hence the system design needs to be optimized according to the application. It's full range of solar inverters with highest standard of quality and reliability helps SMA maintain a leading position in the Indian solar market.

Please find all information on SMA products and solutions at www.sma-solar.com.

You can find out all about the new SMA solutions first-hand at Renewable Energy India Expo in Greater Noida, Booth number 73, Hall 3.

About SMA

The SMA Group with sales of around €900 million in 2017 is a global leader for solar inverters, a key component of all PV plants. SMA offers a wide range of products and solutions that allow for high energy yields for residential and commercial PV systems and large-scale PV power plants. To increase PV self-consumption efficiently, SMA system technology can easily be combined with different battery technologies. Intelligent energy management and digital energy solutions, comprehensive services and operational management of PV power plants round off SMA's range. The company is headquartered in Niestetal, near Kassel, Germany, is represented in 20 countries and has more than 3,000 employees worldwide, including 500 working in Development. SMA's multi-award-winning technology is protected by more than 1,100 patents and utility models. 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 is currently the only company in the solar industry that is listed in the TecDAX index.



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