



Press Release

SMA America and SMA Canada

SMA Unveils Racking Solution that Simplifies, Speeds Commercial Rooftop PV Installation

SMA ReadyRack™ Meets UL and NEC 690.12 Rapid Shutdown Requirements

ROCKLIN, Calif., Nov. 12, 2014—SMA has introduced a fully integrated, preassembled and prewired roof-mount racking solution for commercial-scale PV called the [ReadyRack™](#). Specifically designed for use with the world's top-selling three-phase inverter, the [Sunny Tripower TL-US](#), the SMA ReadyRack includes all balance of system components and can be assembled in minutes, simplifying and speeding project completion. It also is fully UL and NEC 2014 compliant.



SMA ReadyRack

Photo courtesy of SMA America and SMA Canada

The SMA ReadyRack is a turnkey solution, featuring pre-installed ground braid cables; pre-wired AFCI-compliant inverter, AC and DC disconnects; and pre-drilled holes for easy mounting. It does not require anchoring (with fully installed equipment, it can withstand winds up to 150 MPH), lengthy DC runs to a parapet wall, or an auxiliary fan or sun shield, thanks to the Sunny Tripower's OptiCool temperature management system. Easy to transport, the SMA ReadyRack is completely collapsible for reduced shipping costs and can be stacked to maximize shipping density. It also features rugged steel tubing, adjustable settings that are lockable as low as 15 degrees and a 10-year warranty.

Most importantly, the SMA ReadyRack meets UL and NEC 690.12 rapid shutdown requirements when placed within 10 feet of the PV array. Combined with SMA's industry-leading arc-fault technology, the SMA ReadyRack provides optimum commissioning and operation of commercial-scale PV.

"The SMA ReadyRack is the fastest, easiest way for installers to deploy decentralized, commercial rooftop systems," said Henry Dziuba, president and general manager of [SMA America](#) and president of [SMA Canada](#). "The ReadyRack and Sunny Tripower are a powerful combination, offering design flexibility, high efficiency, enhanced safety and full grid management features, providing installers with a comprehensive commercial-scale system solution."

The Sunny Tripower TL-US—available in 12, 15, 20 and 24 kilowatt models—boasts peak efficiency of more than 98 percent while its OptiTrac™ Global Peak maximum power point (MPP) tracking algorithm further maximizes energy production by minimizing the effects of shade. It is suitable for both 600 VDC and 1,000 VDC applications and offers two independent MPP trackers, a combined or detached connection unit, and myriad mounting configurations, further increasing design flexibility.

Safety and reliability have been enhanced with the Sunny Tripower TL-US due to its all-pole ground fault protection, integrated AFCI, and DC monitoring per MPPT, granular down to four strings. It also delivers a future-proof solution with full grid management features—including power factor correction, low-voltage ride through, curtailment and frequency response—and innovative monitoring and communications features allowing start/stop/reset remote capability, as well as SMA Service, technical support and system-wide O&M availability.

The Sunny Tripower TL-US and ReadyRack are available through SMA's [North American distribution program](#). To locate an SMA Authorized Distributor, visit SMA America's website and click "[Where to Buy.](#)"

About SMA

The SMA Group generated sales of more than €930 million in 2013 and is the global market leader for solar inverters, a key component of all PV plants. SMA offers innovative key technologies for future power supply structures. It is headquartered in Niestetal, near Kassel, Germany, and is represented in 21 countries. The Group employs more than 5,000 people worldwide. SMA's broad product portfolio includes a compatible inverter for every type of module on the market and for all plant sizes. The product range includes both inverters for grid-connected photovoltaic plants as well as off-grid and hybrid system technology. The product portfolio is supplemented by comprehensive services and operational management of utility-scale PV plants. 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 www.SMA-America.com/www.SMA-Canada.ca

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