



SMA ENERGY SYSTEM BUSINESS

Future solutions, pre-installed Sunny Tripower X

Proven SMA quality in a new solution designed for commercial energy generation and management.



Increased savings on energy costs



Reliability and protection against rising energy prices



Increase self-consumption of solar power through intelligent energy management



Higher energy yields increase return on investment (ROI)



Generate solar power and use it effectively

The driving force behind your business.



The **Sunny Tripower X** is the latest in commercial solar energy generation and the new centerpiece of the proven SMA Energy System Business. Building on 40 years of experience in photovoltaics, Sunny Tripower X opens new opportunities for maximizing returns from solar power now and in the future. With its integrated System Manager, the Sunny Tripower X can ensure that small and medium-sized businesses are ideally prepared to maximize savings from current and future distributed energy generation and storage capabilities.

The latest technology backed by SMA's high standard of service enables comprehensive, cost-effective and carbon-neutral energy generation that will protect businesses from the effects of rising energy prices. The modular system allows for customized usage as well as seamless integration into the overall system, optimized to suit future energy management.

System integration

- New centerpiece of the proven SMA Energy System Business
- Modular expandability for future cross-sector energy management capabilities

Intelligence pre-installed

- Integrated System Manager with software feature enhancements to accommodate future energy management
- SMA ShadeFix and Smart Connected for maximum energy generation
- Integrated AFCI and rapid shutdown support for increased system safety

Maximum flexibility

- 3 Maximum Power Point (MPP) trackers for flexible system design
- Integrated digital inputs and multifunction relay



Ease of installation

Maximum flexibility

All-in-one solution—ideally suited for a variety of commercial systems

Developed as the centerpiece of a new comprehensive energy system, the Sunny Tripower X is the smartest inverter for sustainable energy generation.

A range of functions enabling easy integration into most installations ensures a wide variety of possible uses in commercial applications.

Produced in Germany by SMA at our factory supplied with carbon-neutral electricity and heat.

- **3 MPP trackers**
High flexibility in system design
- **Up to 150% overdimensioning of PV array**
Reliable and consistent energy yields
- **Available in multiple power ratings:
30 kW, 25 kW and 20 kW**
Flexible and scalable system sizing for use in a wide-range of commercial applications
- **Integrated digital inputs and multifunction relay**
Customized solutions and system-specific configuration
- **Simplified grid interconnection and system protection**
Assured compliance with interconnection and safety standards

One system. Everything from a single source.

Current and future use cases easily integrated



Sunny Tripower X

The comprehensive solution for commercial energy generation with intelligence pre-installed

SMA Data Manager M

Intelligent system manager for monitoring, management, and grid-compatible power control of commercial systems

SMA Storage Business*

Highly flexible battery-storage system for commercial and industrial applications

SMA EV Charger Business*

Charging electric vehicles and fleets with solar power—intelligent, fast, cost-effective

SMA Sunny Portal

Professional monitoring and efficient management of PV systems

SMA ShadeFix

Proprietary integrated inverter capability that optimizes the yield of PV systems in every situation—even in the shade

SMA Smart Connected

Proactive monitoring services for reliable and efficient system operations and maintenance

SMA System Manager

Monitoring and control capabilities integrated into Sunny Tripower X. Enables monitoring, energy system management, and grid-compatible power control

Intelligence pre-installed

State-of-the-art technology combined in one device

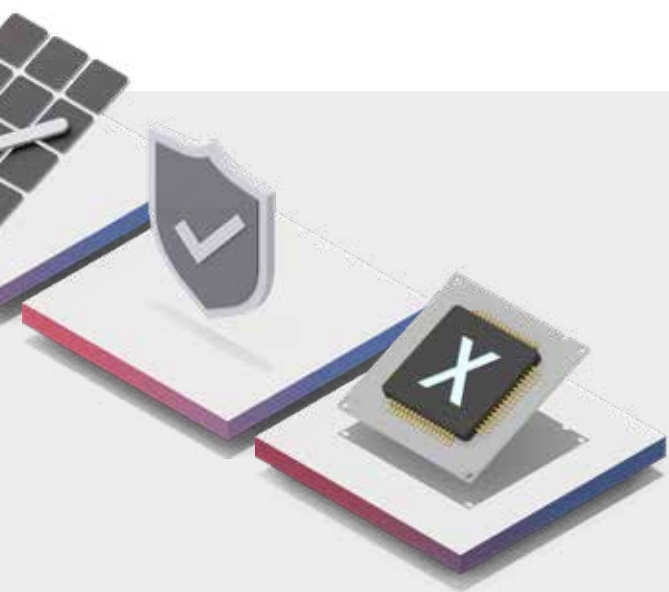
Achieving a successful energy transition calls for rapid expansion in renewable power generation. Cross-sector energy management is an essential requirement for this. The System Manager integrated into Sunny Tripower X enables comprehensive energy management on one platform, powered by the award winning ennexOS operating system—ready to ensure that businesses can generate energy in a sustainable way.

Multiplying potential

The Sunny Tripower X combines an advanced inverter, System Manager, SMA Smart Connected and SMA ShadeFix in one device. This comprehensive solution reduces additional required hardware, minimizes failure risk, increases system lifetime and improves safety. Furthermore, the modular design means the integrated System Manager provides options for future applications.

Keep a close eye on energy costs

With the professional monitoring and control functions of SMA Sunny Portal powered by ennexOS, businesses can obtain a full picture of energy flows across all sectors. Opportunities for optimization can be identified and swiftly translated into action; improving ROI as energy costs are significantly reduced while energy-efficiency increases.



Integrated System Manager

- Monitoring and control of up to five SMA inverters (up to 150 kVA) and one energy meter
- SMA Dynamic Power Control: dynamic closed loop control of active and reactive power
- Simplified commissioning via the standard SMA web interface
- Remote system parameterization and monitoring with Sunny Portal powered by ennexOS



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