



Sunny Island X

Next generation SMA battery inverter – more powerful than ever

/ Compatible with many approved third-party batteries



Benefits at a glance

- Nominal output, even at high temperatures (45°C)
- Modular scalability of AC power and battery capacity in on- and off-grid installations
- Compatible with a wide range premium battery manufacturers thanks to the integrated DC-to-DC converter
- Flexible use of generators or the utility grid in off-grid installations using Sunny Island X Connection Box¹⁾
- Designed and manufactured in Germany
- 10-year warranty $(5 + 5^*)^{(2)}$
- Integrated energy management in on-grid installations without battery backup
- Compatible with SMA Hybrid Controller or other Modbus system controllers
- Ádvanced training available for project planning, installation and commissioning

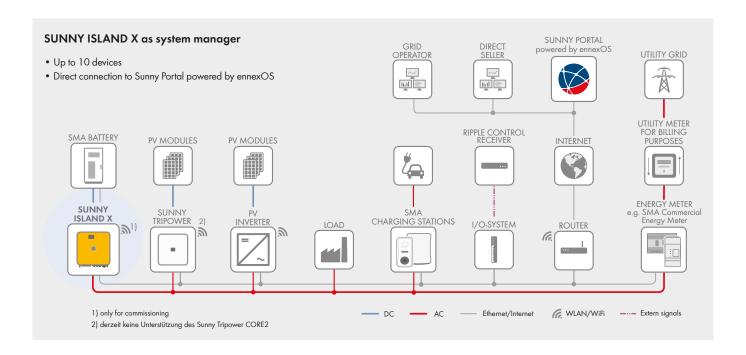
Industry-leading cybersecurity

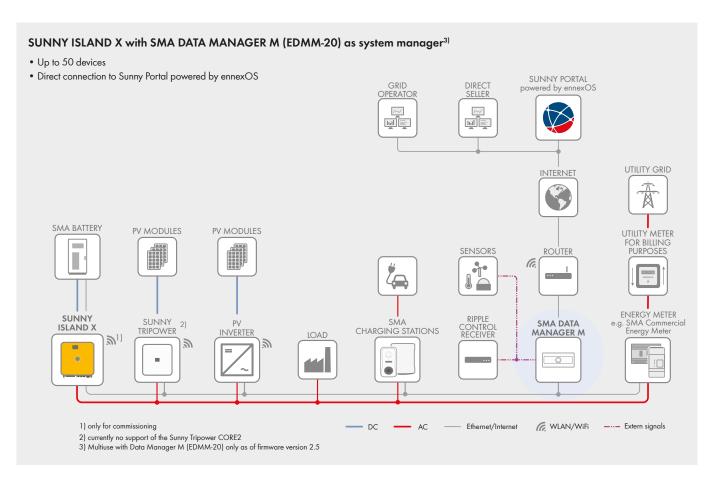
- Built-in access control with enforced passwords, limited interfaces, SMA ID login & auto updates
- ISO 27001-certified cloud via Sunny Portal powered by
- Fully compliant with EU regulations and leading security standards

Whether in off-grid areas or connected to the utility grid, the highly versatile Sunny Island X battery inverter supports a wide range of on-grid and off-grid installations.

As a central element of your system, it ensures that self-generated solar energy can be stored and made available at all times. The Sunny Portal powered by ennexOS interface enables users to visualize current energy flows between components and monitor system performance data.

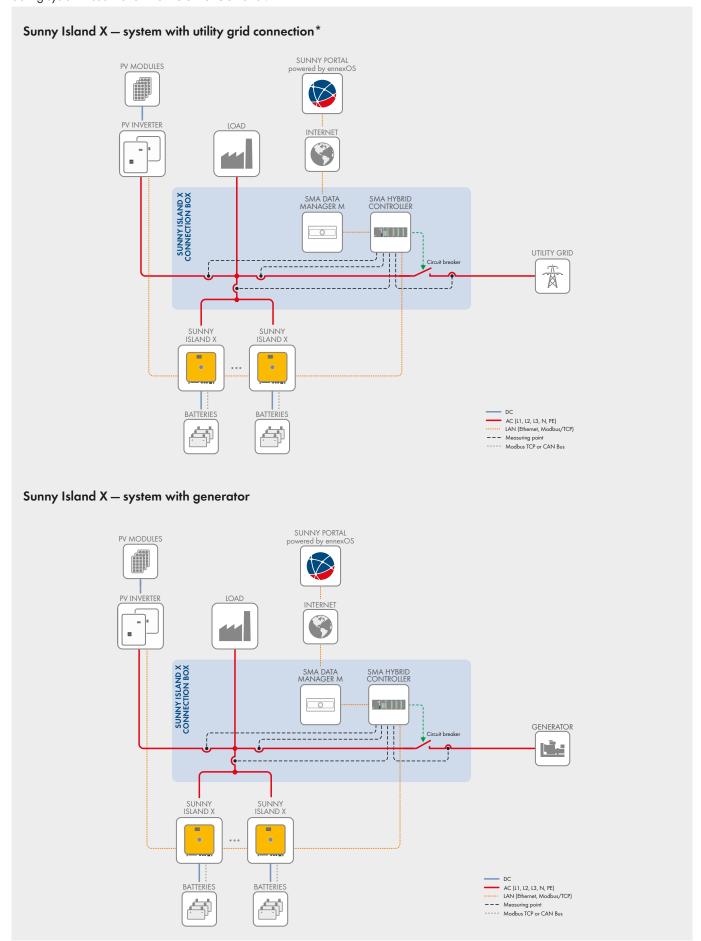
The Sunny Island X ensures the required system flexibility and reliability. The broad temperature range ensures, for example, that the Sunny Island X can operate even under the most extreme conditions – desert heat, tropical humidity or snowy conditions are never a problem for Sunny Island X. Intelligent load and energy management keeps the system running, even in critical situations. The Sunny Island X is a highly robust battery inverter – and comes with an up to 10-year warranty^{2).}





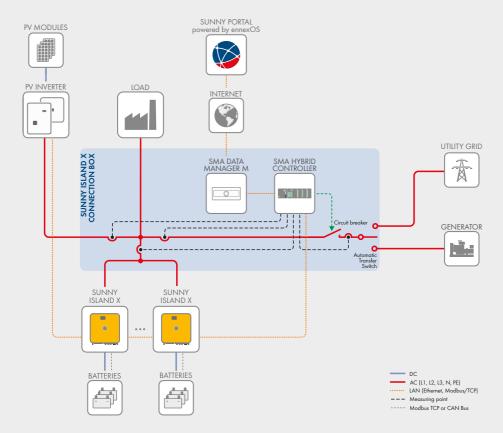
Sunny Island X systems

The Sunny Island X Connection Box is the AC distribution board for off-grid and battery-backup systems, facilitating the connection and management of all system components. The Hybrid Controller is integrated into the Sunny Island X Connection Box, ensuring efficient energy for a variety of system configurations. The Data Manager M-20 is also integrated into the Sunny Island X Connection Box, enabling system visualization via the ennexOS Portal.

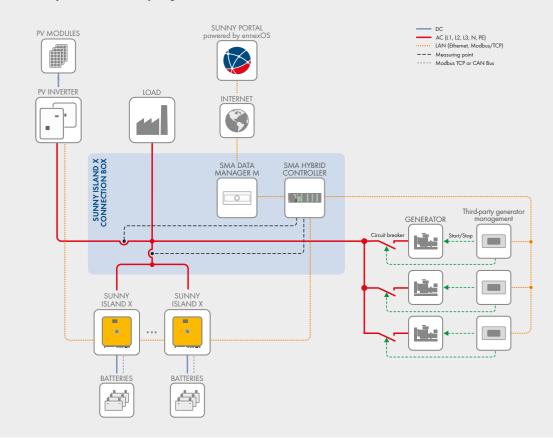


^{*)} Please observe the applicable local grid requirements, as this function may not be supported in your country.

Sunny Island X — system with utility $grid^*$ and generator



Sunny Island $\mathbf{X}-\mathbf{system}$ with multiple generators



 $^{^{\}star}$) Please observe the applicable local grid requirements, as this function may not be supported in your country.

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