READY TO AIM HIGH WITH

Sunny Highpower Storage

SMA's most powerful compact string inverter – the ideal solution for small utility-scale projects, designed to grow with your energy needs.





High Power Today.
High Possibilities Tomorrow.

The Sunny Highpower Storage battery inverter is the smart choice for small utility-scale projects, particularly those with the potential to scale up. It's designed to simplify every stage of your project's lifecycle while offering the flexibility to adapt to evolving demands, delivering a compact and scalable solution for today and tomorrow's energy storage needs.

Low Complexity. High Modularity.
Sunny Highpower Storage has been designed for ease and efficiency, from initial planning and installation to long-term operation and maintenance. With its compact design and optimized handling, installation can be done quickly and easily without the need for heavy installation equipment. It delivers maximum power density at a minimum weight, providing a powerful yet space-saving solution.

Streamlined planning is made simple with Sunny Highpower Storage modular design, enabling projects to be easily scaled in both power and functionality. Its compact design supports the transportation of over 15 MW of inverters in a single container, reducing transport costs and easing installation processes.

Commissioning is also hassle-free, as cluster commissioning allows multiple devices to be set up simultaneously through a Master Inverter, ensuring faster implementation. As a comprehensive all-in-one solution, all essential components and replacement parts are from a single trusted supplier, ensuring smooth and efficient operations.

HIGH ROI.
HIGH FLEXIBILITY.
HIGHER SUCCESS.

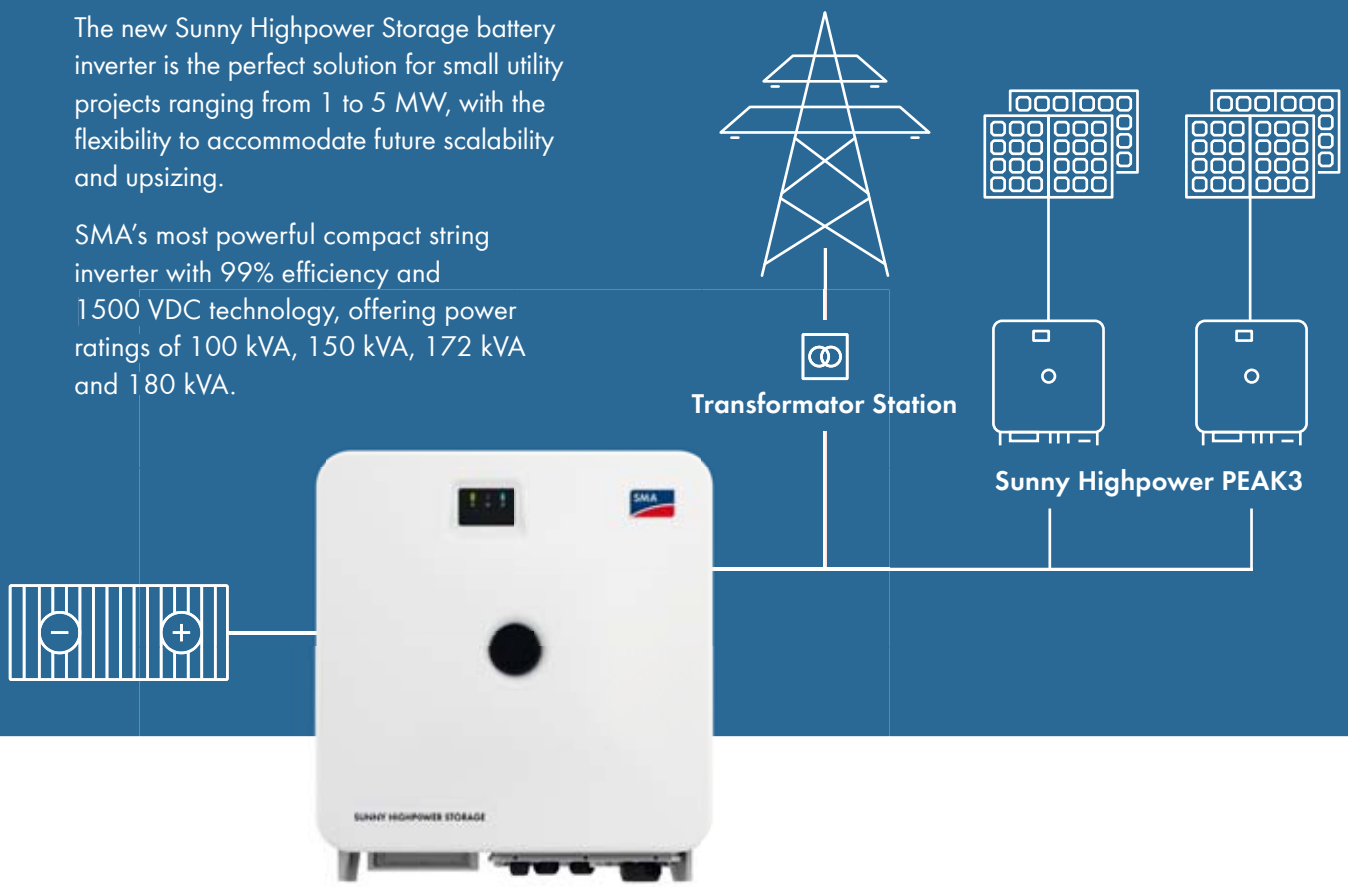
The Sunny Highpower Storage prioritizes efficiency, long-term reliability, and exceptional system availability, ensuring that your investment delivers strong financial returns.

- **High Return on Investment:** Reliable system availability, with 99% maximum efficiency, providing consistent performance – even if a single inverter in a cluster is offline.
- **Peak Performance in any Climate:** Delivers full nominal power even at high temperatures, with no derating up to 50°C. Optimized with the industry-leading SMA OptiCool air cooling system for efficient thermal management in any environment.
- **Cost-Efficient Scalability:** Adapts to different battery sizes, able to scale from 1-5 MVA or 5- 40 MWh+, providing cost-efficient scalability for projects of varying sizes.
- **Increases Revenue:** Utilize stored PV energy to take advantage of peak energy prices, increase your revenue during high-demand periods when electricity rates are at their highest.
- **Scalable Design:** Modular design supports up to 14 inverters operating with AC & DC paralleling, enabling easy expansion of large-scale solar plants even on irregular terrains.
- **Battery Compatibility:** Works seamlessly with batteries from leading manufacturers.
- **Compact Yet Powerful:** Strong performance and efficiency of a central inverter with the small footprint of a string inverter.
- **Efficient Repowering:** Adds storage integration to existing power plants without the need to replace transformers.

BE READY FOR WHAT'S NEXT

The new Sunny Highpower Storage battery inverter is the perfect solution for small utility projects ranging from 1 to 5 MW, with the flexibility to accommodate future scalability and upsizing.

SMA's most powerful compact string inverter with 99% efficiency and 1500 VDC technology, offering power ratings of 100 kVA, 150 kVA, 172 kVA and 180 kVA.



SMA ENERGY THAT CHANGES

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