

At a glance ...

SMA



Product advantages

As a leading global specialist in photovoltaic system technology, **SMA Solar Technology AG** is setting the standards today for the decentralized, digital and renewable energy supply of tomorrow. Founded in 1981, the company's portfolio includes a broad range of efficient solar inverters and integrated system solutions for all types of photovoltaic systems, intelligent energy management systems, battery storage solutions for residential and commercial applications as well as wallboxes for electric vehicles. Digital energy services as well as comprehensive services, including operating and maintenance services for photovoltaic power plants, complete the offer.

The company's production, e. g. at the headquarters in Niestetal/Kassel (Hesse), ensures high flexibility, high efficiency as well as low costs. The production is thus perfectly adjusted to individual market and customer requirements.



Innovation

- SMA Power+ Solution (with TIGO TS4R module optimizers) for higher energy yield in partial shading or with different module alignments
- SMA Smart Connected for automatic monitoring by SMA, fast replacement in case of an error or compensatory payment in case of loss of revenue
- Optimized communication, monitoring and management of solar electric systems (up to 50 SMA devices) via Sunny Portal powered by ennesOS and Data Manager M

Flexibility

- Modular principle and a wide range of product series for variable system concepts
- Wireless data communication and Smart Home control via WIFI
- A broad product portfolio including load management

Effectiveness

- High efficiency up to 99 % with a broad input voltage range up to 1,500 V
- High protection class IP65 (for outdoor installation)
- Optional warranty extension up to 25 years

Private consumption

- Battery inverters Sunny Boy Storage and Sunny Island compatible with low- and high-voltage batteries of leading battery manufacturers (LG Energy Solutions and BYD)
- Sunny Home Manager 2.0 combines intelligent energy management and power measurement in one device
- Package solution for commercial storage systems: components, software and services from one hand
- SMA EV Charger: fast, cost-effective and environmentally friendly charging of electric vehicles, thanks to three charging modes, automatic switching from single- to three-phase charging and boost function