

# THE SUNNY BOY 3.0-US / 3.8-US / 5.0-S / 6.0-US / 7.0-US / 7.7-US SERIES WITH SECURE POWER SUPPLY



The World's Most Preferred Inverter



All solar inverters are not created equal. Such is the case with the new Sunny Boy US series from SMA. This revolutionary home energy solution delivers unique features that are not available from any other inverter brand. Your solar system is a valuable investment so it's important to select an inverter that will deliver maximum value along with long-term quality and reliability. Choosing a Sunny Boy US is an investment that will continue to pay dividends year after year.

## Maximum Power, Maximum Value

- » The Sunny Boy US has one of the highest efficiencies in its class, which translates to a higher energy yield as power is converted from the solar panels into usable energy for your home.
- » SMA's proprietary shade management technology, OptiTrac™, is an economical solution ensuring that areas of shade on your roof have a minimal impact on your system's performance.
- » The Sunny Boy US has one of the widest temperature ranges available, so your system will begin producing earlier in the morning and continue producing later in the day even in areas of extreme heat and cold.
- » World's first Secure Power Supply keeps the power on, even when the electrical grid goes down! (See reverse side for more information)

## Investment Security

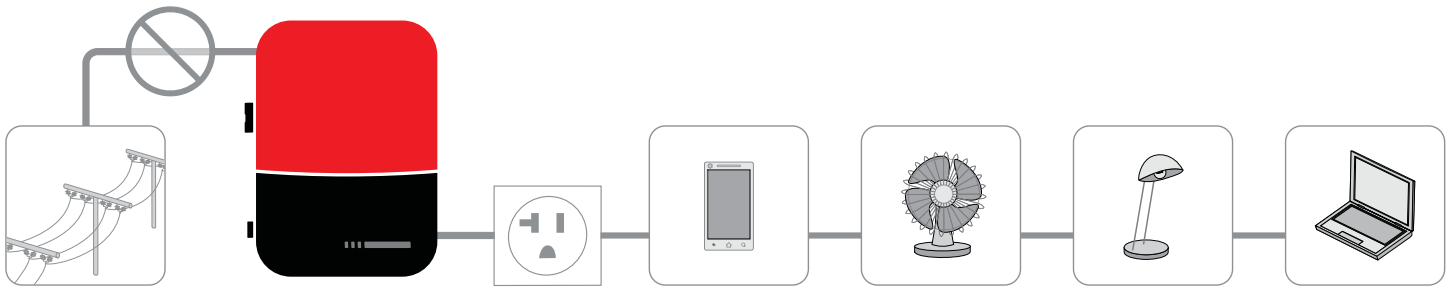
- » SMA is more experienced than any other inverter manufacturer in the world, with 40+ gigawatts installed globally. That's enough to power more than 8 million homes!
- » SMA is proud to be the only company in the world that has PV inverters currently in operation exceeding 20+ years.
- » SMA was voted the most preferred inverter brand in the world by IHS, a leading independent research organization.
- » SMA has also been recognized by IHS Research as the #1 Service provider in the U.S. as well as worldwide.



# THE WORLD'S FIRST SECURE POWER SUPPLY (SPS)

Providing power to your home when the grid goes down, without costly batteries!

Solar systems are required by code to disconnect from the electrical grid when the power goes out. Traditionally, that meant your system would deliver zero power to your home, but not anymore. SMA has pioneered the first Secure Power Supply (SPS), which will continue to deliver power from your solar system to your home when the sun is shining, even when the power goes out. A dedicated wall outlet is wired directly to the inverter, providing security and ensuring power is available when it's needed most.



## FREQUENTLY ASKED QUESTIONS

### Is this feature available on other solar inverters?

No, the SPS feature is a unique technological breakthrough from SMA.

### What devices/appliances can I plug into the SPS?

Devices such as emergency radios, phone chargers, laptops, lamps and fans can be powered by the SPS. Up to 2,000 W of power can be available to control these devices.

### Can I plug a power strip or extension cord into the SPS?

Yes, as long as the total wattage of the devices you plug into the power strip does not exceed 2,000 W.

### Will my SPS deliver a continuous 2,000 W output?

Yes, weather permitting. In the event of cloudy or other bad weather, the inverter will produce power based on what the conditions are outside.

### What will happen if I plug in more than 2,000 W of devices?

SMA takes great care to ensure customer safety. If more than 2,000 W is connected to the SPS outlet the inverter will simply disconnect itself from the outlet. You must unplug the device(s) until a maximum of 2,000 W are plugged in, then the intelligence within the SPS will automatically try to reconnect to the outlet twenty seconds later.

Blue Pacific Solar™



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