

# Sunny boy storage automatic backup unit Eswatini

Does Sunny Boy Storage have backup power if there is a blackout?

With the Sunny Boy Storage 3.6/5.0/6.0 range, you can have backup power for your home when there is a blackout. In this blog, we will discuss how to use the Secure Power Supply function included in your Sunny Boy Storage and alternatively how you can have automated backup of your household with the optional Automatic Backup Unit.

Does Sunny Boy storage automatically power household circuits?

The homeowner may want the Sunny Boy Storage to automatically power their household circuits when there is a blackout. By installing the optional Automatic Backup Unit, the household loads are automatically disconnected from the grid and the loads may continue to be supplied from the battery storage system and the PV system.

Can a Sunny Boy battery inverter backup power during a blackout?

Backup power from your battery system is possible when using the Sunny Boy Storage battery inverter. The already included Secure Power Supply feature provides an economical way to achieve manual backup during a blackout. Alternatively, automatic backup to your full home during a blackout is possible with the optional Automatic Backup Unit.

Does Sunny Boy Storage have a battery inverter?

In this setup, additional power is available from the PV inverter, which allows a greater number of appliances to be powered simultaneously, and a longer period of autonomy from the grid. Backup power from your battery system is possible when using the Sunny Boy Storage battery inverter.

How does Sunny Boy Storage work?

Thanks to high-voltage technology, storage systems with the Sunny Boy Storage are particularly efficient and easy to install. To use even more self-generated solar energy in the home, an existing PV system can be expanded into a fully fledged storage system with just a few additional components.

How many batteries can be connected to the Sunny Boy Storage?

Thanks to multistring technology, up to three high-voltage batteries can be connected to the Sunny Boy Storage anytime. This allows the storage system to be expanded gradually and adapted to individual needs.

SMA's Backup Lite is a manual transfer switch that can be configured to deliver up to 2,000 watts of continuous power during the day or night, offering homeowners a cost-effective solution and ...

When paired with SMA Sunny Boy inverters, the Sunny Boy Storage curtails PV power production to match load in the event the battery is full to maximize use of solar production. The Automatic Backup Unit can be



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installed in a wide variety of installation types which makes for a versatile tool.

With the most cost effective, versatile and innovative residential storage the SMA Sunny Boy Storage Automatic Backup Unit come extremely useful during grid power failure and secure power supply during both day and night.

While alternative backup systems offer merely a transfer switch and require additional hardware purchases, the new SMA Automatic Backup Unit (ABU) is a truly integrated solution for whole home backup power.

The Sunny Boy Storage inverter is the interface between the solar panels, the utility grid, and residential energy storage batteries, making it the ideal solution to retrofit existing grid-tie solar PV systems.

power can now be achieved in the event of a grid outage during both day and night thanks to SMA's proprietary Backup Lite feature. Whole home backup is also available with the SMA Automatic Backup Unit.

Sunny Boy Storage from the utility grid and creates a battery-backup grid. The included Backup Unit Controller coordinates grid disconnection and reconnection to ensure minimal downtime while also allowing for up to 5 kVA of unbalanced loads.

SMA's Backup Lite is a manual transfer switch that can be configured to deliver up to 2,000 watts of continuous power during the day or night, offering homeowners a cost-effective solution and peace of mind in the event of a grid outage.



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