

THE HOME STORAGE SOLUTION

Now, with SMA Backup Home. Fully integrated, whole-home backup seamlessly bridges utility grid power and residential solar-plus-storage. Engineered to protect the entire household during unexpected grid outages, this sleek, weather-resistant enclosure houses heavy-duty automatic transfer switching components and intelligent backup power controls.



Seamless Transition

Automatically detects grid failures, disconnects the home from the utility grid, and switches to backup power in less than a second to keep household loads running. Once utility service is restored, the system automatically and smoothly reconnects the home to the grid.



Current Rating

Built with a 200 Amp main contactor and bus pass-through, allowing for direct line-side connection to standard residential service panels.



Enclosure Type

NEMA 3R outdoor-rated steel casing, optimized for both indoor and outdoor wall-mounted installations.



System Integration

Directly interfaces with the Sunny Boy Smart Energy and compatible batteries.



Load Handling

Supports heavy 240V household appliances (such as central air conditioning, electric ranges and ovens, electric clothes dryers and electric water heaters).



Smart Monitoring

Fully compatible with the SMA 360° app and Sunny Portal for real-time tracking of battery state-of-charge, solar generation, and home consumption.



Coming 2027!