

SUNNY BACKUP Set M / L / XL SBU-Set-M / SBU-Set-L / SBU-Set-XL Simple o Can be integrated into existing and new PV plants o Pre-configured sets for various performance classes efficient o Small battery through integration into the PV plant o Power supply and battery charging over the grid o Continuously high PV efficiency Reliable

The Sunny Backup system with self-consumption use consists of the following components: One or three battery-inverters\* An automatic switch box for switching to stand-alone mode; A meter box for reading out the electronic energy meter, including the read-out cable; A battery unit (not included in the SMA scope of delivery)

PV inverter compatibility with backup systems: My own system has Sunny Island and the older SWR-2500US. The inverters support both anti-islanding on the grid and RS-485 + frequency shift for regulation of output when in backup mode.

Backup and off-grid tolerate a wider frequency and voltage range, including if you use a generator feeding Sunny Island. To simplify installation, SMA started shipping them with grid backup enabled, so you just hook up Sunny Boy (AC wires, and if used with Sunny Island RS-485).

As an add-on to the PV plant, the Sunny Backup automatically switches to stand-alone power supply within approximately 20 milliseconds of a grid failure. Both new and existing PV plants ...

Sunny Backup system with increased self-consumption, the Sunny Backup retrieves the data from the connected energy meters via the Sunny Home Manager, and uses it to determine the PV production, feed-in and purchased electricity.

Another megawatt class off-grid PV system went into operation in Mozambique. The project was originally launched at the request of the Mozambican government to provide an electricity supply to three areas that have no connection to the local utility grid. Until now, the people in Muembe, Mavago and Mecula relied on candlelight and firewood.

As an add-on to the PV plant, the Sunny Backup automatically switches to stand-alone power supply within approximately 20 milliseconds of a grid failure. Both new and existing PV plants can be equipped with a Sunny Backup System - with no effect on PV efficiency.

Teniendo un sunny boy siempre puedes verter a la red lo pongas como lo pongas, da igual solo necesitas parametrizar el sunny island, el sunny backup o un victron para que haga la transferencia cuando tu quieras, bien por llenado de baterías o porque quieras vender luz, aunque la funcion SAI la hace mas rapido el

sunny backup 50ms, pero mas aun ...

Sunny Backup Means: Electricity - Even in the Event of Grid Failure It is precisely this supply gap which we are closing with the new "Sunny Backup system" from SMA. As of now, this can be used by any PV system owner to power important loads in a reliable and environmentally friendly way, even in the event of grid failure.

Web: <https://www.gennergyps.co.za>