



## DreamTeam

The perfect combination: Solar Frontier PowerSets  
and Mercedes-Benz Energy Storage Home



## The best of both worlds

### PowerSets by Solar Frontier – Mercedes-Benz Energy Storage Home

Solar Frontier is the expert in highly efficient PV systems based on innovative CIS technology, and in 2016, was awarded the title of „Top PV Brand“ by installers. Mercedes-Benz is one of the leading global premium manufacturers of energy storage technology and is making significant advances in the field. From now on, these exceptional qualities can be perfectly combined to get the best of both worlds.



### Each one unique – together, extraordinary

- The PowerSets by Solar Frontier are easy-to-install complete systems that come pre-configured for maximum yields – even under the most difficult conditions.
- Mercedes-Benz originally developed its energy storage systems for demanding use in the automotive industry. Now the technology is also available for use at home – with the high standard of quality and safety that you would expect.
- Together, the two systems now form an unbeatable combination, to harness clean energy as self-sufficiently and efficiently as possible.

### Perfectly coordinated components

To perfectly combine Solar Frontier systems with the energy storage system of Mercedes-Benz, you will require the following system components:

- **PowerSet Turbo, PowerSet Mini or PowerSet Maxi**  
for maximum yields using innovative CIS technology.
- **Mercedes-Benz Energy Storage Home**  
for more self-sufficiency in your energy supply.
- **SMA Sunny Island Kits**  
for optimum control of the Mercedes-Benz Energy Storage Home and increased home consumption of solar power.

The Sunny Island kits contain the following components:

- > SMA Sunny Island Battery Inverter
- > SMA Sunny Remote Control
- > SMA Sunny Home Manager
- > SMA Energy Meter
- > **Optional:** Generation meter for monitoring PowerSet yield data in the SMA Sunny Portal

## The PowerSets: Maximum yields made simple



- Innovative CIS technology for maximum yields, even under the most difficult conditions
- Perfectly coordinated components
- Pre-configured and easy to install
- For every roof, every roof orientation and every roof angle

## An overview of the Mercedes-Benz energy storage system

- ‘Made in Germany’ in line with Mercedes-Benz quality
- Very safe and long-life lithium-ion technology
- Automotive platform – developed for demanding use in the car
- Modular system design (2.5–20 kWh)
- Long life: approx. 80% capacity remaining after ten years
- Expected number of cycles: 8,000
- Greater independence of power supply
- Ten-year fair-value replacement warranty



## The right solution for every roof and every energy requirement

Every Mercedes-Benz Energy Storage Home can be combined with any PowerSet. The modular structure of both the energy storage system and the PowerSets lets you create the perfect combination for your energy needs and your roof.

### Example system combinations:



Solar Frontier PowerSet	Mercedes-Benz energy storage system	SMA battery inverter
PowerSet Turbo 3.6-170-1p	Mercedes-Benz Energy Storage Home 2.5	SMA Sunny Island 3.0M
PowerSet Turbo 5.1-170-3p	Mercedes-Benz Energy Storage Home 5.0	SMA Sunny Island 3.0M
PowerSet Maxi 7.5-170-3p	Mercedes-Benz Energy Storage Home 7.5	SMA Sunny Island 4.4M
PowerSet Maxi 9.9-170-3p	Mercedes-Benz Energy Storage Home 10.0	SMA Sunny Island 6.0H

Solar Frontier is a pioneer among PV module manufacturers and offers complete packages with Mercedes-Benz energy storage systems. Secure this decisive advantage for you and your customers!

**Find out more and benefit now: [www.solar-frontier.eu](http://www.solar-frontier.eu)**