



NEW

SMA Energy Maximizer

SMA Energy Maximizer is a software solution for automatic energy management in PV systems. The system continuously optimizes energy flows in the background. Generation, storage, and consumption are automatically aligned to increase efficiency and reduce energy costs – with no additional effort during operation.

Automatic optimization. Full comfort. No complexity.

Key Features

- + Automated optimization**
Continuously adjusts energy flows based on forecasts and real-time data
- + Dynamic tariff intelligence**
Automatically uses low electricity prices and avoids high-cost periods
- + Self-consumption maximization**
Maximizes the use of generated solar energy
- + Built into SMA systems**
Directly integrated into all ennexOS-based devices – easy activation during commissioning.
- + Simplified commissioning**
Less setup effort – energy management adapts automatically

**START WITH
ZERO RISK**

90-day free trial

No strings attached.

Start offering smarter energy management with your next installation.

What it means for your business

- **Less effort in setup and operation**
One simple setup. Runs automatically. Fewer support calls.
- **Earn up to 40% recurring revenue**
Generate ongoing income with every active system via SMA Premium.
- **Ready for complex energy systems**
Dynamic tariffs, EV charging and heat pumps* - handled automatically.

What it means for your customers

- **Lower energy bills**
Always uses the cheapest available energy
- **Zero effort**
Runs fully in the background
- **More solar usage**
Maximizes self-consumption automatically
- **Full transparency**
Real-time insights via the SMA Energy App

Choose the right level of energy management

From manual control to automatic optimization – choose the approach that fits your system and your customer’s needs.



SMA ENERGY MANAGEMENT	SMA Sunny Home Manager	SMA Energy Planner	SMA Energy Maximizer
Self-consumption optimization	+	+	+
Battery lifetime optimization			+
Dynamic tariffs optimization	+		+
Buy electricity from the grid	+		+
Sell electricity to the grid			+
PV curtailment in case of negative tariffs			+
Support for consumption tariffs (energy exchange, LichtBlick, manual)	+		+
Support for Feed-in tariffs (energy exchange, LichtBlick, manual)	+		+
Peak load shaving (PLS)	+	+	+
Capacity forecast			+
EV charging	+		+
Solar	+	+	+
Fast	+	+	+
Smart	+		+
Energy insights	+	+	+
Grid consumption & feed-in	+	+	+
PV production & self-consumption	+	+	+
Energy management settings	+	+	+
Configuration via WebUI		+	
Configuration via Sunny Portal	+	+	+
Configuration via SMA 360° app			+
Configuration via SMA Energy app	+		+
3rd party compatibility	+		+
Heat pumps	+		+
EV-chargers	+		+
Heating rods	+		+
Availability & usage model	Hardware-based solution	Included in every ennexOS based system	90-day free trial, then €6.95/month. No auto subscription

* later release

⊕ limited functionality ⊕ optimized functionality