SMA

SUNNY HOME MANAGER

SMA

Innovative

- Consumption analysis for each individual load
- Regional weather forecasts taken into account
- Display of recommended actions for load management

Simple

- Automatic, intelligent control of loads with maximum 10 SMA radio-controlled sockets
- Convenient commissioning with the plant setup assistant
- Free standard access to Sunny Portal with all basic functions

Transparent

- Convenient plant monitoring via Sunny Portal
- Overview of all energy flows in the home
- Visualization of the weather forecast and PV yield forecast

Flexible

- Several standardized meter interfaces
- Individual specifications for controlled devices

SUNNY HOME MANAGER

The control center for smart energy management

With its standard access to Sunny Portal, the Sunny Home Manager is the ideal solution for simple plant monitoring and intelligent energy management. It provides an overview of all the energy flows taking place in the household, displays recommended actions and is able to control loads via SMA radio-controlled sockets automatically. The device learns the typical consumption pattern of the household and combines this information with a forecast of the plant-specific PV generation. As a result, the Sunny Home Manager enables a much higher self-consumption ratio and a highly efficient use of energy from the environmental point of view.

	Precise determination of generation, consumption and self-consumption		Energy data displayed live in Sunny Portal		PV forecast data and variable electricity tariffs taken into account		Info page with recommendations for optimizing load management
	Presentation and management of home consumption – even from remote locations		Analysis of power consumed by individual devices via SMA radio-controlled sockets		Safe transmission of energy data		Simple Monitoring via Sunny Portal

Technical data	Sunny Home Manager	
Communication		
Inverter communication	*Bluetooth®*	
Sunny Portal communication	Ethernet	
Connections		
Inverter	See inverter communication	
Ethernet	10/100 Mbit, RJ45	
Energy meter	3* terminal for connection of S0 cable or D0 reading heads	
Max. number of SMA devices		
Bluetooth	16	
Max. radio range		
Bluetooth in free-field conditions	Up to 100 m (extendable with SMA *Bluetooth* Repeater)	
Voltage supply		
Voltage supply	External plug-in power supply	
Input voltage	100 V – 240 V AC; 50/60 Hz	
Power consumption	< 6 W (max. 14.3 W)	
Ambient conditions in operation		
Ambient temperature	-25 °C ... +60 °C	
Degree of protection (according to EN IEC 60529)	IP20	
Maximum permissible value for relative humidity (non-condensing)	5 % ... 95 %	
Memory		
Internal	Up to 5 days portal buffer	
Daily energy values	Up to 5 days	
General Data		
Dimensions (W/H/D)	170/124.5/41.5 mm	
Weight	0.22 kg	
Mounting Location	Indoors	
Deployment options	Top-hat rail mounting, wall mounting	
Status display	LEDs	
Language of the manual	German, English, Italian, Spanish, French, Dutch, Portuguese, Greek, Czech	
Features		
Operation	Via Sunny Portal	
Warranty	5 years	
Certificates and approvals	www.SMA-Solar.com	
Accessories		
SMA radio-controlled socket with *Bluetooth* Wireless Technology	For automatic management of loads	
SMA *Bluetooth* Repeater	For extension of the maximum *Bluetooth* radio range	
Type designation	Sunny Home Manager	