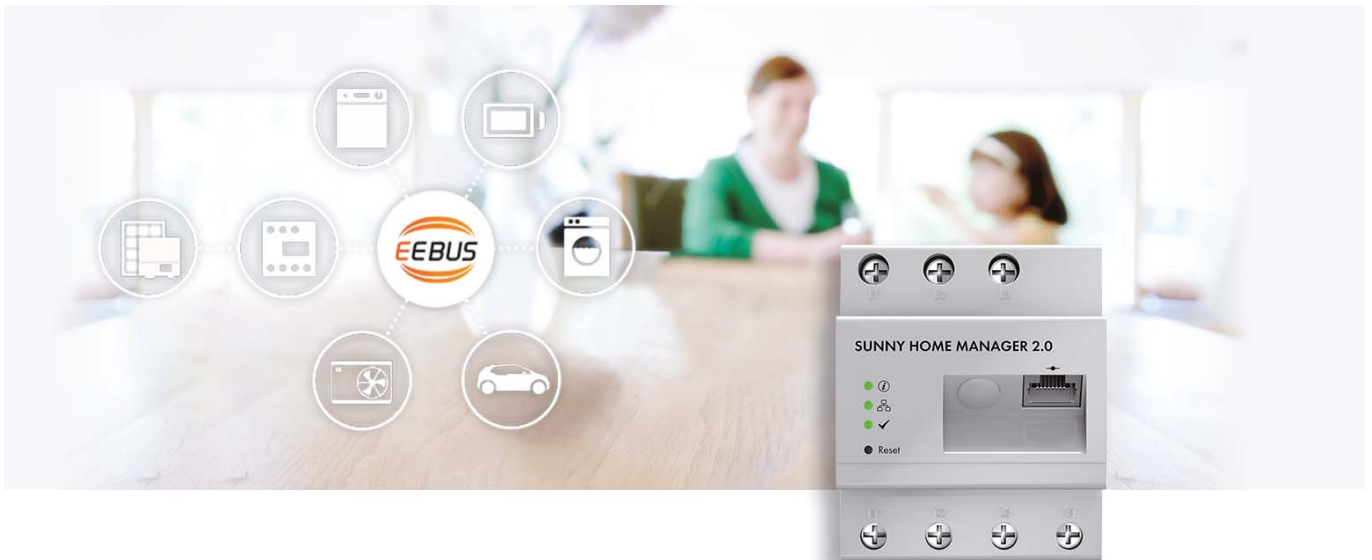


Intelligent Energy Management With Sunny Home Manager 2.0

Compatible electrical and thermal loads



The Sunny Home Manager 2.0 makes intelligent energy management in your home easy. Together with the SMA inverter, the Sunny Home Manager 2.0 ensures a long-term energy supply and provides you with independence from rising electricity costs.

Save on energy costs, but how?

The Sunny Home Manager 2.0 and the corresponding loads are connected to each other in the local network for example via the common EEBUS* communications standard. The Sunny Home Manager 2.0 controls the connected household appliances to ensure they are always supplied with electricity from your own PV system or using variable electricity tariffs.

*EEBUS is an international communication standard for intelligent networking of household electrical devices (particularly, household appliances, heating and ventilation systems and e-mobility). The EEBUS communication standard enables automatic data exchange for efficient use of energy.

Which devices are compatible?

HEAT PUMPS

STIEBEL-ELTRON heat pumps in conjunction with the Stiebel Eltron ISG web and the EMI software module

Integral systems

Air/water heat pumps

Brine-water heat pumps

- LWZ 303/403 (Integral/SOL) from manufacture date 08/2008
- LWZ 304/404 (SOL)
- LWZ 304/404 Trend
- LWZ 504
- WPL 10 I, IK, AC
- WPL 13/20 A basic
- WPL 13-23 E / cool
- WPL 34/47/57
- WPL 15/25 A(C)(S)
- WPF 20-66 / HT
- WPF 04-16 / cool
- WPC 04-13 / cool

As of: October 2016

Tecalor heat pumps in conjunction with ISG web and the EMI software module

Integral systems

Air/water heat pumps

Brine-water heat pumps

- THZ 303/403 (Integral/SOL) from manufacture date 08/2008
- THZ 304/404 (SOL)
- THZ 304/404 Trend
- THZ 504
- TTL 10 I, IK, AC
- TTL 13/20 A basic
- TTL 13-23 E / cool
- TTL 34/47/57
- TTL 15/25 A(C)(S)
- TTF 10-16 M
- TTF 20-66 / HT
- TTF 04-16 / cool
- TTC 04-13 / cool

As of: October 2016

Vaillant

The following Vaillant heat pumps are supported by the Sunny Home Manager (firmware version 2.2.9 or later). The heat pumps have to be connected to the local network (router) via a Vaillant communication unit (VR 920).

Sold in Belgium

- flexoTHERM VWF 57/4 S1
- flexoTHERM VWF 87/4 S1
- flexoTHERM VWF 117/4 S1
- flexoTHERM VWF 157/4 S1
- flexoTHERM VWF 197/4 S1

As of: August 2018

Sold in Germany and Austria

- aroTHERM VWL 55/2 A
- aroTHERM VWL 85/2 A 230V
- aroTHERM VWL 85/3 A 230V
- aroTHERM VWL 115/2 A 400V
- aroTHERM VWL 155/2 A 400V
- flexoTHERM VWF 57/4 400V
- flexoTHERM VWF 87/4 400V
- flexoTHERM VWF 117/4 400V
- flexoTHERM VWF 157/4 400V
- flexoTHERM / flexoCOMPACT VWF 197/4 400V
- flexoTHERM / flexoCOMPACT VWF 58/4 400V
- flexoTHERM / flexoCOMPACT VWF 88/4 400V
- flexoTHERM / flexoCOMPACT VWF 118/4 400V
- aroTHERM* VWL 55/3 A 230V

As of: August 2018

* Sold in Germany only

Sold in France/the Netherlands/Norway/Switzerland/Slovenia

- flexoCOMPACT VWF 57/4 400V
- flexoCOMPACT VWF 87/4 400V
- flexoCOMPACT VWF 117/4 400V
- flexoCOMPACT VWF 157/4 400V
- flexoTHERM / flexoCOMPACT VWF 197/4 400V
- flexoTHERM / flexoCOMPACT VWF 58/4 400V
- flexoTHERM / flexoCOMPACT VWF 88/4 400V
- flexoTHERM / flexoCOMPACT VWF 118/4 400V

As of: August 2018

Heat Pumps sold in Switzerland

- aroTHERM VWL 85/2 A 230V
- aroTHERM VWL 115/2 A 400V
- aroTHERM VWL 155/2 A 400V

As of: August 2018

OTHER HEATING RELATED:

Electrical water heater

- MYPV ELWA-E (Immersion heater)
- MYPV AC.Thor (Power Manager)

HOME APPLIANCES

The following home appliances from Bosch are equipped with a communication module that supports a connection to the Sunny Home Manager (firmware version 1.13 or later):

Dishwasher sold in Germany

- | | |
|-------------------|-------------------|
| - Ser6 SBE68TX06E | - Ser8 SBA88TD16E |
| - Ser6 SBI68TS06E | - Ser8 SBV88TX36E |
| - Ser6 SBV68TX06E | - Ser8 SMA88TD16E |
| - Ser6 SME68TX06E | - Ser8 SMI88TS16D |
| - Ser6 SMI68TS06E | - Ser8 SMI88TS36E |
| - Ser6 SMS68TIO6E | - Ser8 SMS88TI36E |
| - Ser6 SMS68TW06E | - Ser8 SMU88TS06S |
| - Ser6 SMS68TW16E | - Ser8 SMU88TS16D |
| - Ser6 SMU67MS06S | - Ser8 SMU88TS36E |
| - Ser6 SMU67MW06S | - Ser8 SMU88TW06S |
| - Ser6 SMU68TS06E | - Ser8 SMV88TX16D |
| - Ser6 SMV68TX06E | - Ser8 SMV88TX36E |

As of: August 2018

Washing machine/clothes dryer sold in Germany

- Bosch Home Professional WAYH2791 (washing machine)
- Bosch Home Professional WAYH2791 (washing machine)
- Bosch Home Professional WAYH2841 (washing machine)
- Bosch Home Professional WAYH2891 (washing machine)
- Bosch Home Professional WAYH87W0 (washing machine)
- Bosch Home Professional WTYH7701 (clothes dryer)
- Bosch Home Professional WTYH7781 (clothes dryer)

SIEMENS

The following home appliances from Siemens are equipped with a communication module that supports a connection to the Sunny Home Manager (in firmware version 1.13 or later):

Dishwasher sold in Europe

- IQ500 SN258I06TE
- IQ500 SN258W06TE
- IQ500 SN558S06ME
- IQ500 SN558S06TE
- IQ500 SN658X06TE
- IQ500 SN758X06TE
- IQ500 SN778D16TE
- IQ500 SN858D06PE
- IQ500 SX558S06TE
- IQ500 SX658X06TE
- IQ500 SX758X06TE
- IQ500 SX858D06PE
- IQ700 SN278I36TE
- IQ700 SN478S16TD
- IQ700 SN478S36TE
- IQ700 SN578S16TD
- IQ700 SN578S36TE
- IQ700 SN678X16TD
- IQ700 SN678X36TE
- IQ700 SN878D26PE
- IQ700 SX678X36TE
- IQ700 SX878D26PE

As of: July 2016

Washing machine/clothes dryer sold in Germany and Austria

- Siemens IQ800 WM4YH7W0 (washing machine)
- Siemens IQ800 WT7YH701 (clothes dryer)

As of: July 2016

Electromobility

EV charging:

- MENNEKES AMTRON®
- wall boxes Xtra and Premium models as charging stations for electric vehicles

Universal load control and monitoring

EDIMAX WLAN Smart Plugs

- Edimax "SP-2101W" radio-controlled socket up to firmware version 2.03
- Edimax "SP-2101W V2" radio-controlled socket from firmware version 1.00

Find more detailed information about intelligent energy management with Sunny Home Manager 2.0:

Energy Management With Loads via EEBUS

Planning Guidelines SMA Smart Home