

## PRODUCT



# SOLARWATT Manager flex 1.0

## Manage energy

### Energy independence within reach

The SOLARWATT Manager reduces energy costs for your customers and allows them to look at electricity bills with a sense of relief.

It keeps an eye on all energy flows within your household and automatically actuates many key electrical devices, so that they are powered by free, self-generated PV-power and ensure worry-free convenience.

The Manager flex is quick and easy to install on any wall and is also a real Powerline (PLC) talent. Connected to the router, it works like a powerline adapter and can be connected to any electrical socket.

- Overview of all energy data – available anytime, anywhere
- Exploits the full potential of PV system and battery
- Automated switching of appliances when surplus PV-power is available
- Price guarantee due to self-generation of power
- Maximum data security

## SCOPE OF DELIVERY

- Manager flex 1.0 (incl. power adapter)
- Network cable (RJ45)
- S0 plug



## SERVICE

### Full Coverage

On purchasing a SOLARWATT system solution\*

### Guaranty of origin

Quality Made in Germany

### Competent Consulting

Experts via hotline or on location

### SOLARWATT Battery flex ready

Perfect system integration

\* As specified in insurance conditions

## MANAGER FLEX 1.0

Device supply	internal universal power supply 120-240 V; 50/60 Hz
Power input	nom. 3 W; max. 12 W
Ambient temperature	-10 °C to +50 °C
Housing	Composite
Dimensions (BxHxT)	130 x 130 x 40 mm
Installation type	Wall installation
IP rating	IP20

## DEVICE SOFTWARE

Operating system	Linux, Kernel 7.x
Communications platform	SOLARWATT Manager Portal SOLARWATT Home app
Management	Cloud-Zugang
Security	VPN tunnel based on the IPSec standard, secure protocols (SSH/SSL, SFTP, HTTPS)
Firmware and app-updates	via Update-Server
Language	English, French, German, Spanish, Italian, Dutch, Swedish

## SUPPORTED METERS

AC-Sensor (50, 63, 250, Flex)	Connection via Ethernet using a MyReserve/Battery flex battery system
Fronius Smart Meter	Connection via Etherne
S0-meter	Connection via S0-interface

## I/O INTERFACES AND CONNECTABLE DEVICES

Ethernet	1x RJ-45 10/100Mbit
PLC	AV Home Green Phy (compatible with HomePlug AV2)
Clamp connection	2x S0/Digital In
USB	2x USB-2.0-Host USB socket type A

## SUPPORTED INVERTERS AND STORAGES (CONNECTION VIA LAN)

	Unit type	Functions
Fronius	Sunspec-certified *	measuring/ dynamic curtailment via Manager
SMA	SunSpec-certified	measuring/ dynamic curtailment via Manager
KOSTAL	PLENTICORE, PIKO IQ	measuring/ dynamic curtailment via Manager
Steca	coolcept Flex XL	measuring/ dynamic curtailment via Manager
Battery flex AC-1		measuring/ monitoring/ controlling

Note: Other inverters can be read out using an additional S0 meter (e.g. EnergyMeter) to capture the power generation. However, there is no possibility for the Manager flex to control the inverters.

\* not supported: Fronius IG / IG Plus Modelle

## SUPPORTED WALLBOXES (EV CHARGER) AND SMART HOME COMPONENTS

	Connection	Functions	Max. number of connectable devices
Keba P30 (X-series, C-series)	LAN	measuring/ switching	max. 1 device
Alfen (Eve Single S-line, Eve Single Pro-line)	LAN	measuring/ switching	max. 1 device
myStrom WiFi Switch, devices with standard plug (Type F, Type J)	WIFI	measuring/ switching (max 16 A)	

## OTHER ELECTRICAL LOADS SUPPORTED

	Connection	Functions	Max. number of connectable devices
Appliances without standard plug	EnergyMeter (S0 pulse measurement)	measuring	
EGO Smart Heater	LAN	measuring/ switching	max. 1 device