

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

optional 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



GENERAL DATA

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

I/O INTERFACES AND CONNECTABLE DEVICES

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

SUPPORTED METERS

	Connection via				Functions
	LAN	WIFI	CAN	SO	
	X				Main meter* connected with Battery flex
KDK PRO380-S				X	Main meter*, energy meter, generation meter
Shelly 3EM		X			Main meter*
Shelly Pro 3EM	X	X			Main meter*, energy meter, generation meter
EnergyMeter				X	Energy meter, generation meter
Manager meter 1-phase				X	Energy meter, generation meter

* Requirements for use as main meter for energy management: bidirectional meter, balancing measuring method (consumption/purchase of the individual phases are netted against each other)

SUPPORTED APPLIANCES SECTOR E-MOBILITY (WALLBOXES)

	Connection	Functions	Number of connectable devices
Keba P30 (x-series, c-series)	LAN	measuring/switching	3 devices
Webasto Live	LAN	measuring/switching	1 device
Webasto Next	LAN	measuring/switching	1 device
Alfen (Eve Single S-line, Eve Single Pro-line) *	LAN	measuring/switching	3 devices

* For the connection to Energy Management, the Alfen software licence 'Active Load Balancing' is required.

SUPPORTED APPLIANCES SECTOR HEAT

	Connection	Functions	Number of connectable devices
Appliances without standard plug	EnergyMeter (SO-pulse measurement)	measuring	X
Heating element my-PV AC ELWA-E Heating element my-PV AC ELWA 2	LAN	measuring/ switching	1 device
Power-Manager my-PV AC THOR /AC-THOR 9s	LAN	measuring/ switching	1 device
Heating element EGO Smart Heater Ethernet*	LAN	measuring/ switching	1 device
Heating heat pump or hot water pump (SG Ready)	Shelly 3EM	measuring/ switching	X
Heating heat pump (Stiebel Eltron - Thermal EM)	LAN, Stiebel Eltron ISG web, EnergyMeter	measuring/ switching	X

SUPPORTED SMART HOME COMPONENTS

	Connection	Functions
Shelly Pro 1PM, Pro 2PM, Pro 4PM	WIFI, LAN	DIN rail measuring/ switching
Shelly Plus 1PM, Plus 2PM	WIFI	flush mounting installation measuring/ switching
Shelly (Plus) Plug S	WIFI, Bluetooth	appliances with standard plug measuring/ switching
myStrom WiFi Switch	WIFI	appliances with standard plug (Typ F, Typ J) measuring/ switching