SOLARWATT ®

Shelly components and their integration into the Solarwatt energy management system

Shelly offers a wide range of models and the various devices can take on a wide range of tasks in the system. This overview provides an introduction to the possible uses of the SOLARWATT Manager.

Shelly Pro 3EM

(up to three 120 A or 400 A current transformers)

- 3-phase energy meter for top-hat rails (bidirect.)
- Measuring of up to 3 phases or consumers
- WiFi, LAN

Function for Manager:
- Manager main meter or energy meter
- Inverter meter

Shelly PM Mini Gen3

- Power meter for flush-mounted installation
- Measuring of one consumer
- Max. 16 A, 240 VAC

Function for Manager:
- Energy meter
- Inverter meter

Shelly Pro (1PM, 2PM, 4PM)

- Power meter for top-hat rails
- Measuring and switching of 1, 2 or 4 consumers (1-phase)
- Max. 16 A/Chanel (Pro 1PM), total max. 25 A (Pro 2PM) resp. 40 A (Pro 4PM), 240 VAC
- WiFi, LAN

Shelly Plus (1PM, 2PM)

- Power meter for flush-mounted installation
- Measuring and switching of 1 or 2 consumers (1-phase)
- Max. 16 A/Chanel (Plus 1PM), max. 10 A/Chanel and total 16 A (Plus 2 PM), 240 VAC
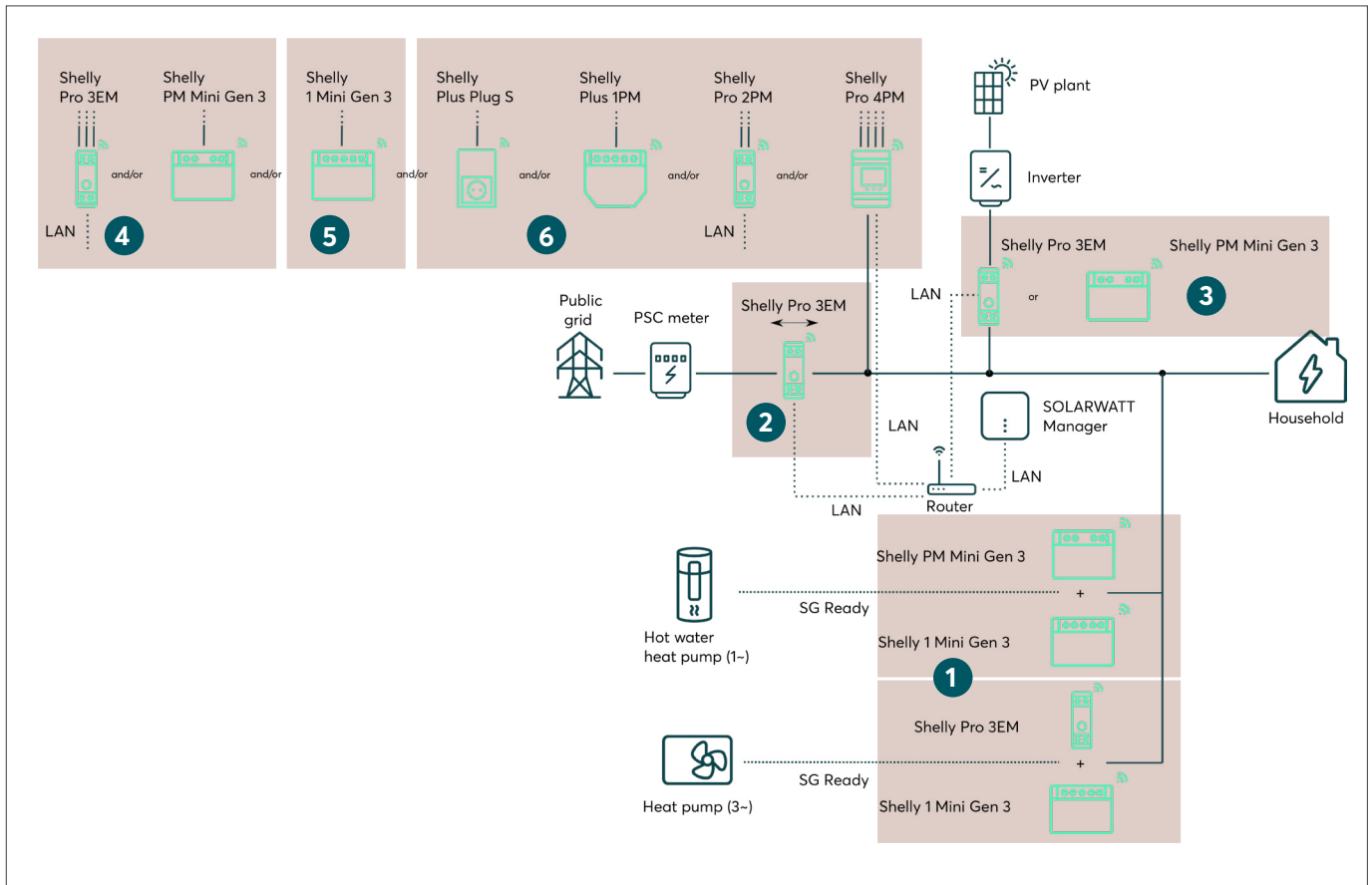- 10 A, 30 VDC
- WiFi

Shelly Plus Plug S UK

- Smart-Plug
- Measuring and switching of a consumer
- Max. 12 A (AC)
- WiFi
- Integrated LED light (can be switched off)
- Colored LED power consumption display

Shelly 1 Mini Gen3

- Switch for flush-mounted installation
- Switching of one consumer
- with potential-free contact for controlling e.g. SG Ready heat pumps
- Max. 8 A, 240 VAC
- Max. 5 A, 30 VDC

Use Cases for the SOLARWATT Manager:

1 as **SG Ready connection**

2 as **main meter** when there is no SOLARWATT Battery

3 as **generation meter** for measuring 1-ph. and 3-ph. inverters

4 as **energy meter for measuring** 1-ph. and 3-ph. consumers

5 as standalone **smart plug for controlling** individual consumers

6 as **energy meter (for measuring) and smart plug (for controlling)** 1-ph. consumers

Detailed information on connecting the individual Shelly products can be found in our online manual. Click here or scan the QR code!