smart-me

Quick Starter Guide

INSTALLATION

In order to use your smart-me device, it has to be connected with your Wi-Fi network.

1. Connect your smartphone or your tablet with your Wi-Fi network.
2. Download and install the free smart-me app from the Apple Store or the Google Play Store.
3. Start the app and create a free smart-me account.
4. Press on «add device» (+) and follow the instructions.

More information:
www.smart-me.com
http://en.wiki.smart-me.com

Android APP

iOS APP

QUICK START

Device overview

On the top left corner, you can find the device overview. The device overview shows all your smart-me devices. To change the structure of this view, visit the smart-me website: www.smart-me.com

Meter details

In order to open the detail view for one of your devices, click on settings in the top left corner and choose the respective device.

Load profile

To open the load profile, tap on the tile «power» in the detail view. The load profile shows the energy consumption in a defined period of time. For more reports and overviews visit the smart-me website: www.smart-me.com
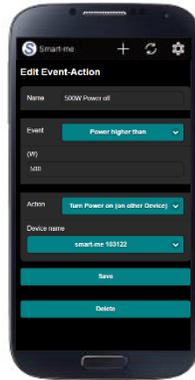
Events and actions

To configure events and actions, click on the meter details and choose «edit» or « ⚙ » (top right). Afterwards, click on «internal event-actions». The freely selectable events and actions transform your smart-me device into a personalised control centre.

Example:
If: power higher than 500 watt
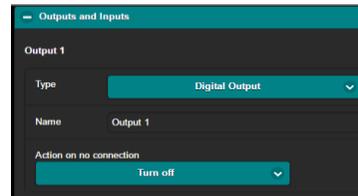Then: turn power off

Settings for S0_0 and S0_1

To configure the S0 outputs, go to meter details and choose «edit» or « ⚙ » (top right). Afterwards, click on «Outputs and Inputs». Here you can configure both S0 outputs. See an example on the left.
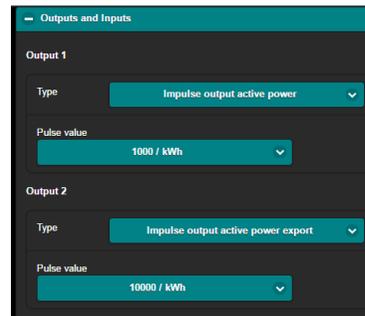
The mode of the output can also be selected as «digital output». Is this option activated, an additional switch will be visible. See an example on the right.
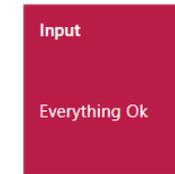
Settings for digital input / tariff switch

In order to change from the tariff switch to the digital input, go to meter details and choose «edit» or « ⚙ » (top right). Afterwards, select «Outputs and Inputs». The digital input / tariff switch can be configured in this menu.
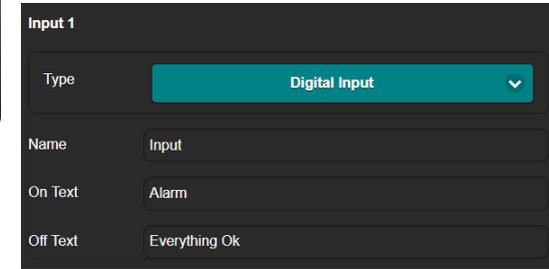
Is this option saved, an additional tile will be visible. See an example below.

General settings

To configure the general settings, go to meter details and choose «edit» or « ⚙ » (top right). Afterwards, click on «general settings».
**Upload interval:** If the meter is viewed actively, the upload interval is 1 sec. If the meter is not viewed actively, the interval will be increased to 1 min in order to reduce the data traffic. However, this interval can be changed. Higher in order to reduce data traffic. Lower in order to achieve a faster reaction on cloud-based «if-then actions» (only possible with the professional subscription).
Reactive energy: In order to display reactive energy in the app and on the web, this option can be activated here (only possible with the professional subscription).
De-activate the switching of phases (only 32A version): In order to disable the switch function of specific phases, this option can be modified here.

T1   T2

E1 S0_0 S0_1

L1
L2
L3
N

L1
L2
L3
N
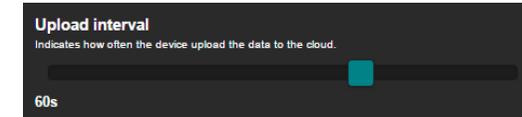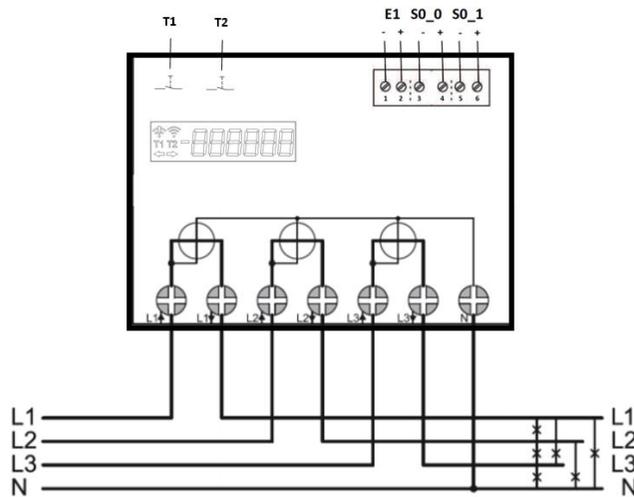
Safety instructions

These safety instructions must be observed at all times and under all circumstances:

- The device is intended for indoor use only. The device is intended for operation in a dry location that is free of dust and protected from direct sunlight.
- Frequent switching can shorten the service life of attached electrical consumers. Configure automatic switching at frequent intervals only if the connected consumers are designed for such operation. No liability will be accepted for damage on attached consumers.
- When installing or replacing the device, all connecting wires have to be disconnected from the power source.
- Touching live components (supplied with voltage) is life threatening! Therefore, the relevant fuses are to be removed and secured in a safe location. So, nobody is able to switch the power back on undetected.
- The installation of the device must be carried out by qualified and trained professionals.
- The usual local security and work rules must be kept at all times.

E1: Tariff input (digital input)
0V: Tariff 1
24Vdc -230Vac: Tariff 2

T1: Button for the installation
T2: Special functions (see below)

S0_0: S0 Impulse output
(optional potential free contact
Attention Pmax = 550mW long-term)

S0_1: S0 Impulse output
(optional potential free contact
Attention Pmax = 550mW long-term)

Push button T2

Short: If T2 is pushed shortly, the green LED-light is switched on / off. If the light is activated, it displays the connection state (constantly on: connected with smart-me cloud / flashing: no connection).
Long: If T2 is pushed for a longer time, the value of the reactive energy is activated. The two values of «meter value reactive energy T1» and «meter reading reactive energy T2» are added to the display sequence. The shown value is blinking and can be distinguished from the active energy.

ATTENTION: This setting only changes the notification on the display, not in the smart-me cloud (app and homepage). If you want to show the reactive energy on the cloud (app and homepage), the general settings have to be changed.
(T2 starts to shine in a red light if pushed, T2 has to be pushed until the red LED-light turns off again)

Support

Contact your smart-me distributor in case of questions or problems. Alternatively, you can reach us directly:
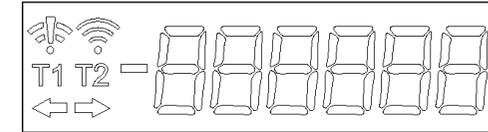
Web: www.smart-me.com/support
Email: support@smart-me.com
Phone: (+41) 041 511 09 70

More information is available on our homepage and on our Wiki-platform:

www.smart-me.com
http://en.wiki.smart-me.com

DISPLAY

T1: Tariff 1 (flashing, when active) [in kWh]
T2: Tariff 2 (flashing, when active) [in kWh]
⇐⇒: current direction (right purchase / left supply)
: Wi-Fi connection
: no Wi-Fi found

Display sequence

The meter has a rolling display. The bullet points summarized below are shown sequentially. After the last value, the sequence starts anew.

1.) Phase order (if incorrect, see below)
2.) Meter value T1
3.) Meter value T2
4.) Software version
5.) CRC value

Phase order: **PhL 1** -> only phase L1 has been connected (PhL2 for L2 etc.) **PhL12** -> only phases L1 and L2 have been connected (PHL13 for L1 and L3 etc.) **PhL123 ->** a wrong phase order has been detected.

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