

# SOLINTEG & SOLARMANAGER INTEGRATION SOLUTION

INTEGRATE SOLAR INTELLIGENTLY



## Brief Introduction

*What can we do with the Solarmanager?*

*With more and more loads connected to your inverter, how to dispatch green power and save more on bills by using more green energy would be a problem. With the integration of Solinteg and SolarManager, we could manage our energy more intelligently and efficiently.*

### Energy Management

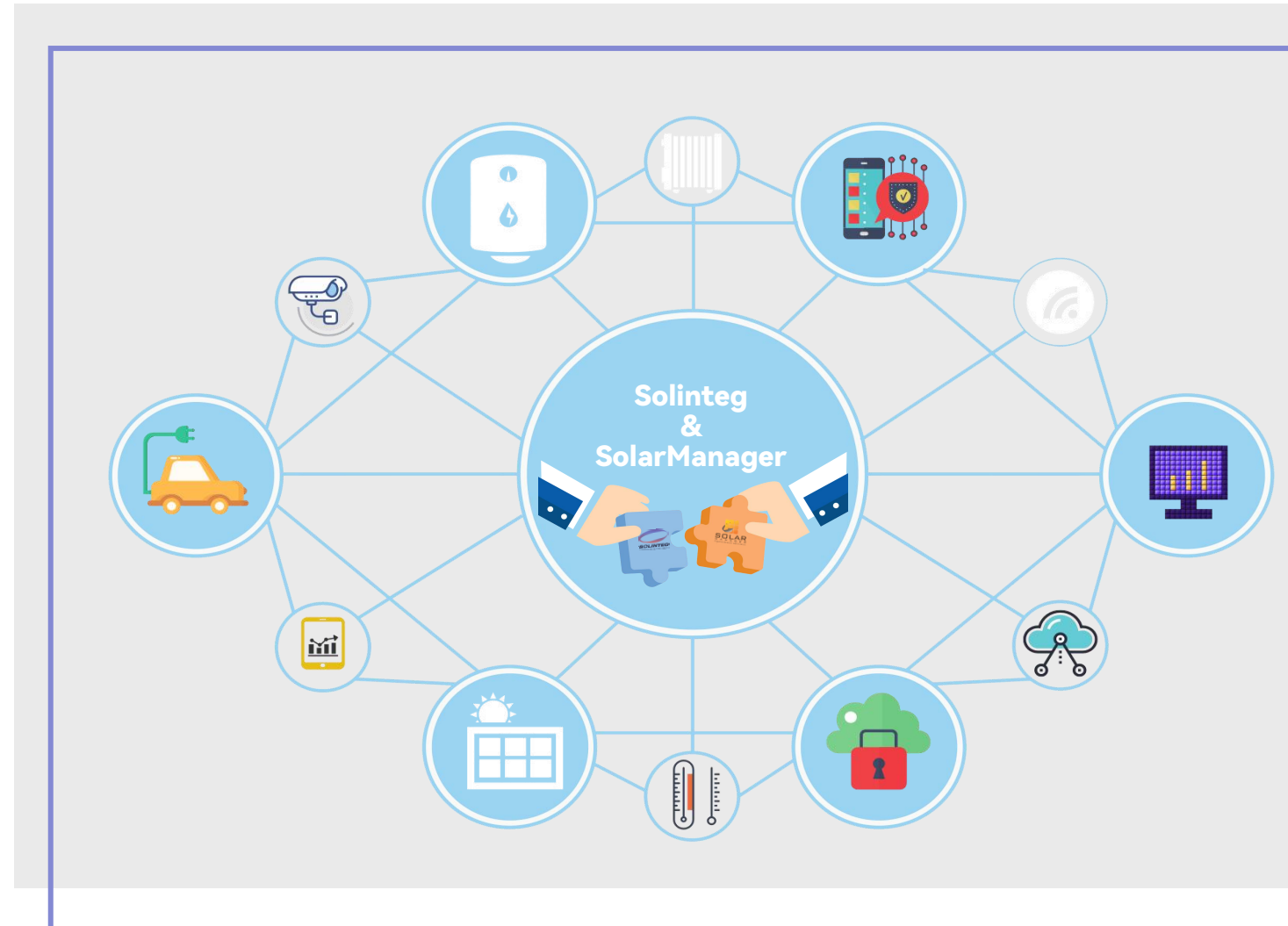
To know your energy generation and consumption more clearly and use them more efficiently.

### Intelligent Load Management

To control your smart loads by different factors intelligently and remotely.

### Self-consumption Optimization

Scheduling the energy intelligently according to the power generation and saving more on the bills.



# Connection

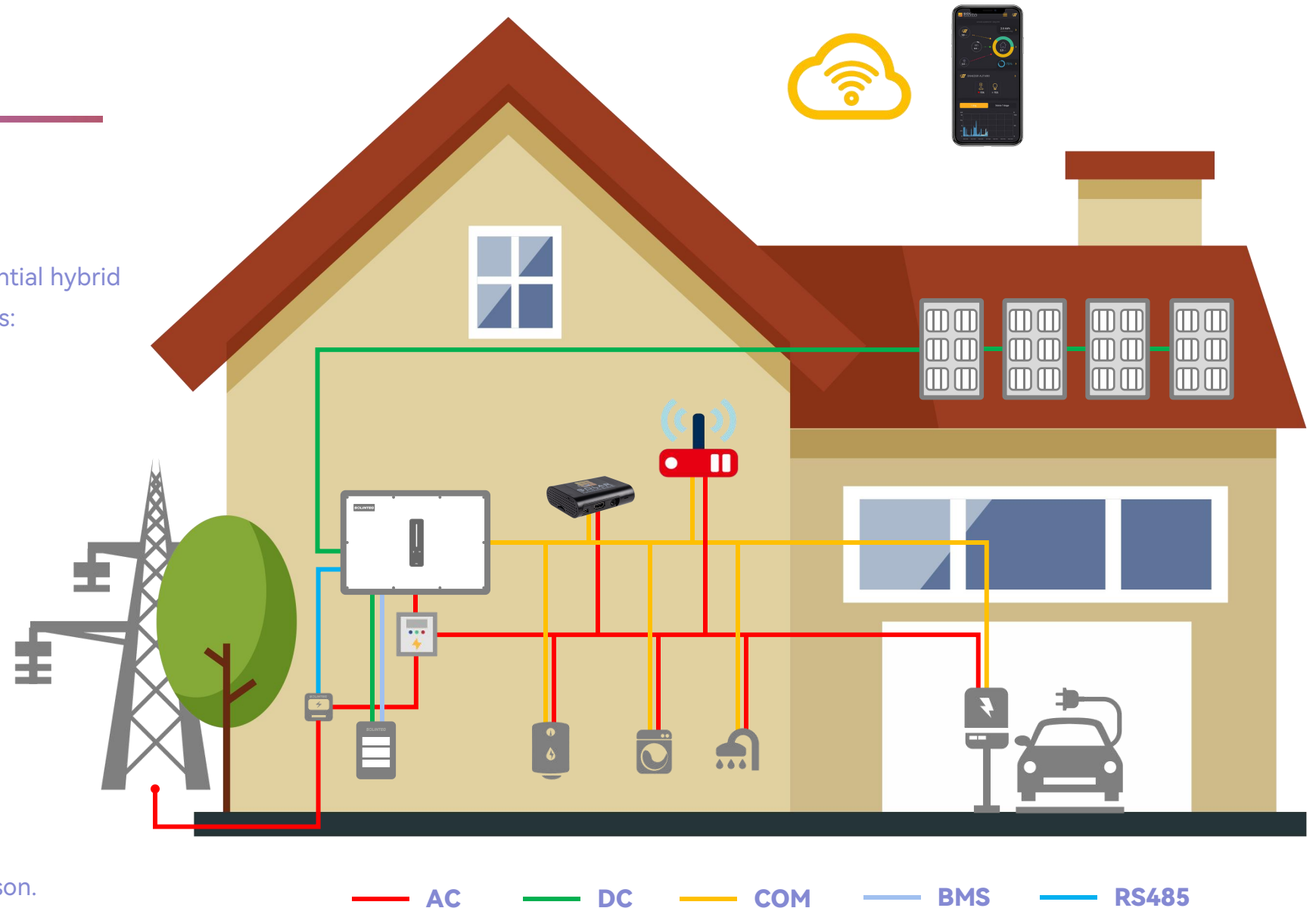
## How to wire

Here is a simple wire connection of a residential hybrid system, all the devices needed are as follows:

- A Solinteg MHT inverter
- Battery
- Solar panels
- Router
- SolarManager
- A phone or iPad for APP
- Smart meter
- SG ready heat pump and other loads
- EV charger
- etc.

### Note:

Please do the installation by a qualified person.



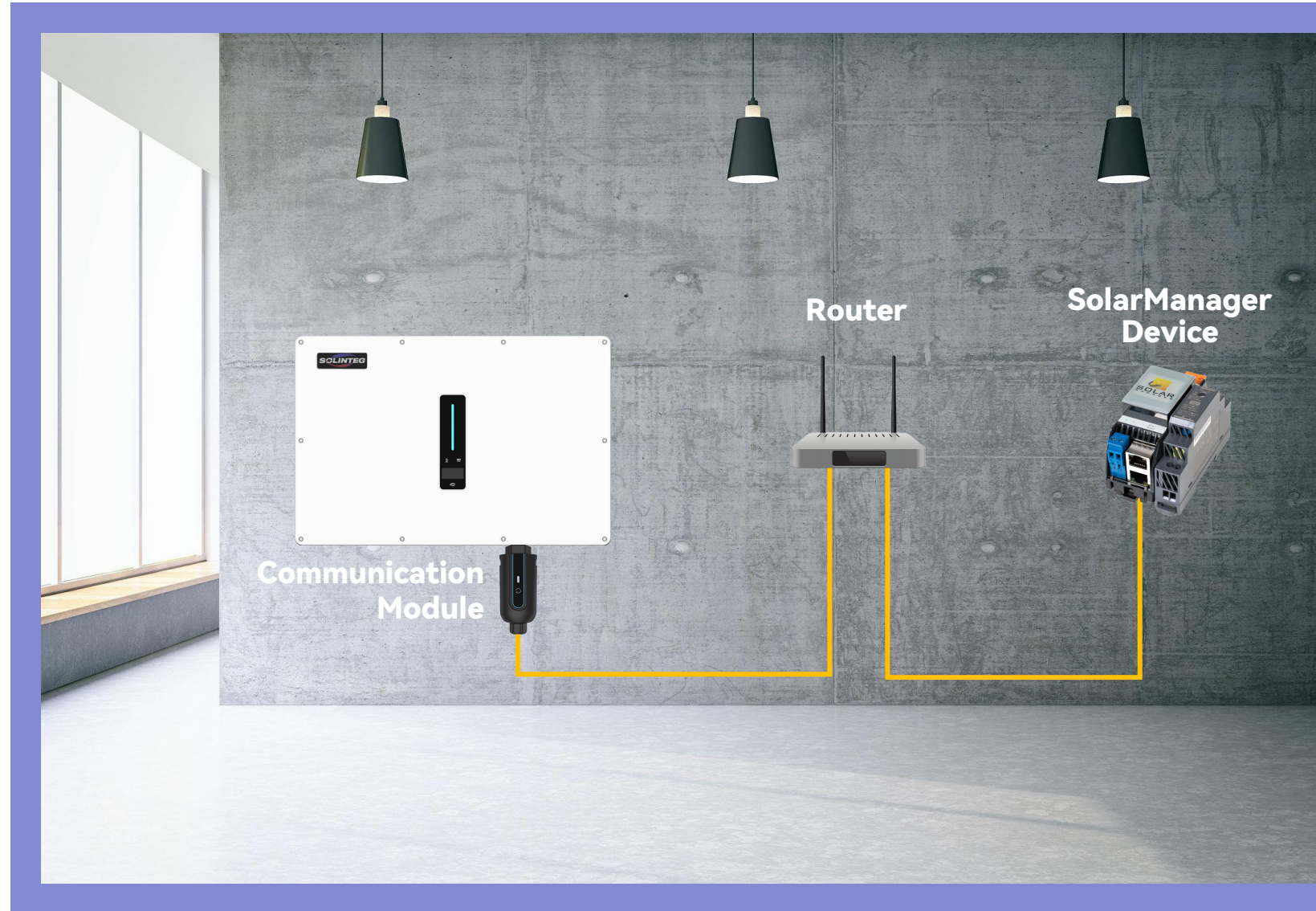
# Connection

## How to wire

Plug in the communication module\*, and connect the inverter and Solarmanager device to the same router.

Then add the inverter to your Solarmanager account.

\*: LAN module or LAN port of Duo-Com.



# Configuration

## Add the inverter

### Step 1:

Check the wiring of SolarManager device and the inverter, and make sure the firmware of the inverter is V01(22) or above.

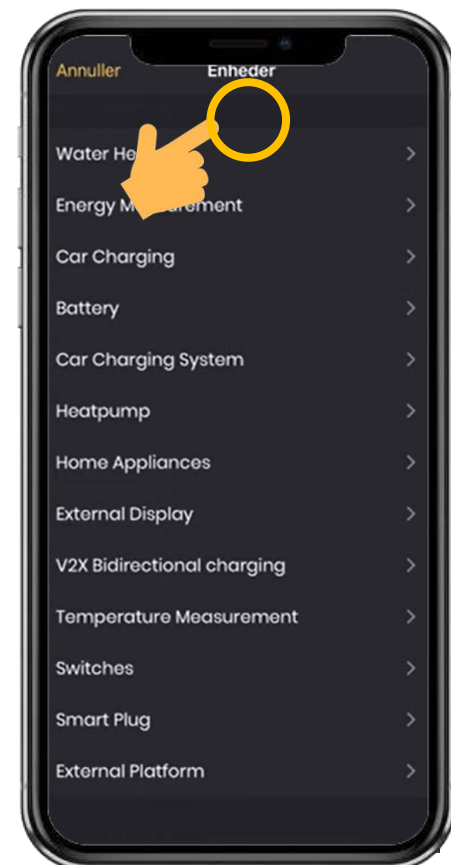
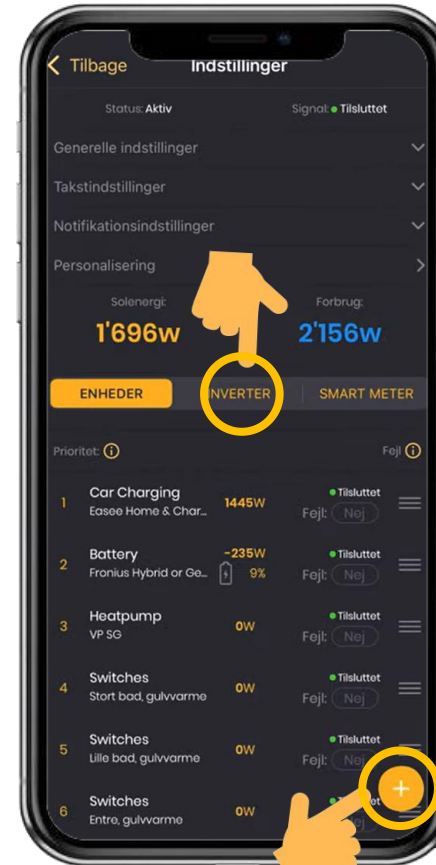
### Step 2:

Create the SolarManager account. For the new account, please refer to the steps here:

<https://www.solarmanager.ch/produkt/installationsanleitung/>

### Step 3:

Add the inverter by the steps as shown on the right.



# Compatibility

## Functions and requirements

Now all the Solinteg MHT series inverters are compatible with SolarManager devices. The functions are as shown on the right.

### Note:

The firmware version of inverter should be V01(22) or higher.

### Solinteg MHT Series

## Functions



SolarManager



SolarManager Connect

|                               |       |       |
|-------------------------------|-------|-------|
| Energy management             | ✓     | ✓     |
| Self-consumption optimization | ✓     | ✓     |
| Energy assistant              | ✓     | ✓     |
| E-mobility                    | ✓     | ✓     |
| LAN port                      | ✓(x1) | ✓(x2) |
| RS 485 interface              |       | ✓     |
| Mounting on top hat rail      |       | ✓     |

# Case Study

## How does it benefit

### Data Checking:

All the data can be checked on your phone just with a glance.

### Priority Setting:

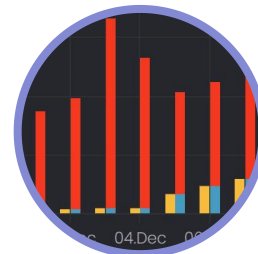
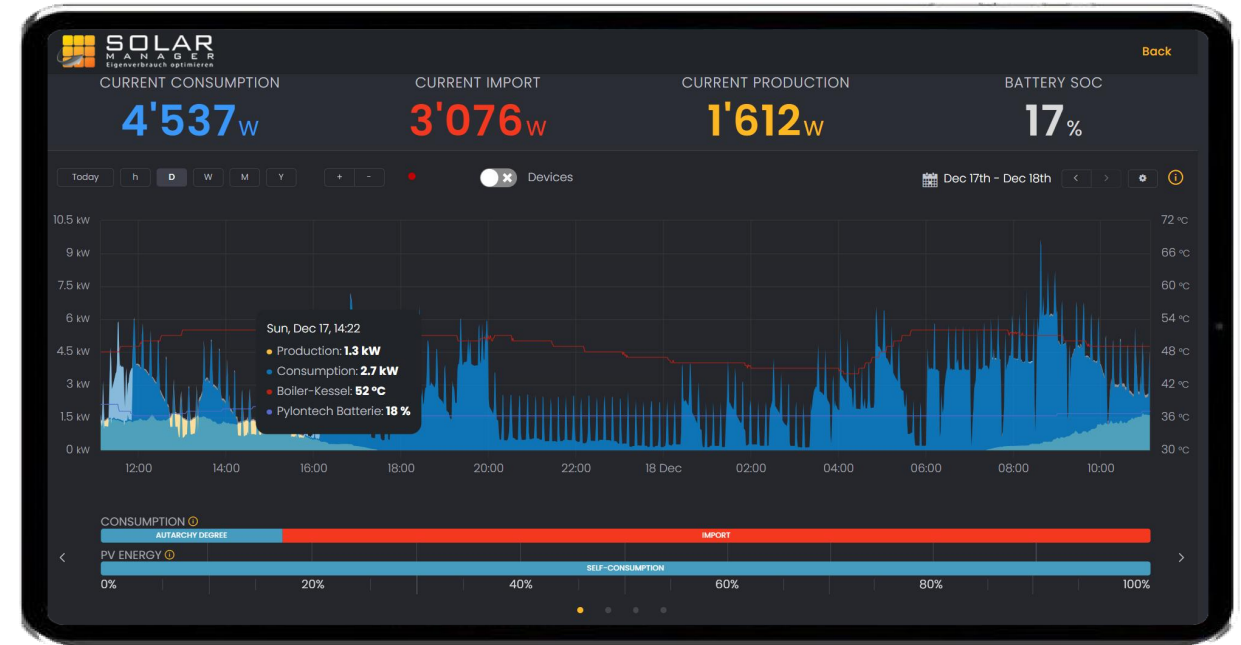
You can set the consumption priority of the different loads based on your conditions and change it whenever you want.

### Intelligent Load Management:

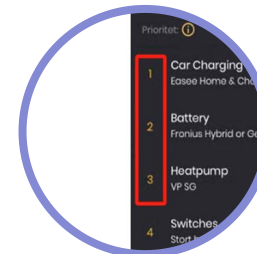
Control the loads on different factors. For example, start the heat pump when the Battery SOC level is higher on a certain percentage.

### Optimization:

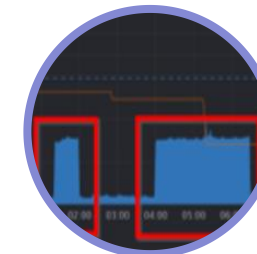
With Solarmanager, the consumption is following with the solar production to maximize energy utilization.



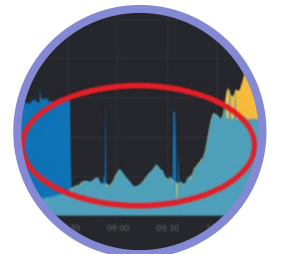
Data Checking



Priority Setting



Load Management



Optimization



**END**  
 Visit Solinteg website to find out more

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