



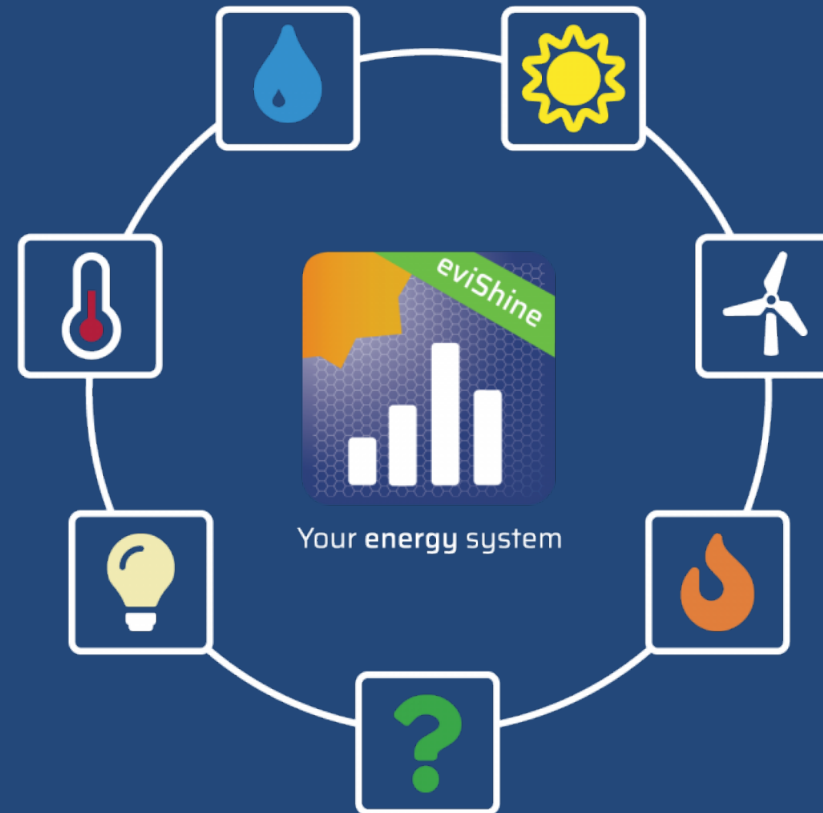
eviShine
Your **energy** system

EVISHINE PRODUCT CATALOG 2017

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Converter



Converter

Description



Article number: 1010

eviShine Converter

Access to internet RJ45/PDS is required.

Included:

- 5V power adapter
- Bracket and Mounter for Din Rail

Optional:

- 5VDC Din Rail Power Supply (*article no.: 4410*)

Serial Interface	RS485-RS422
Connector	3.5mm Pitch Terminal Block
Size	94mm x 57mm x 24mm
Input Voltage	DC 5V±0.5V
Operating Temperature	0°C ~ +85°C
Storage Temperature	-40°C ~ +85°C

Converter



Article number: 1015

Description

eviShine Converter

Access to internet RJ45/PDS is required.

Included:

- 5V power adapter
- Bracket and Mounter for Din Rail

Optional:

- 5VDC Din Rail Power Supply (*article no.: 4410*)

Serial Interface	RS232
Connector	9 pin D-sub male
Size	89mm x 57mm x 24mm
Input Voltage	DC 5V±0.5V
Operating Temperature	0°C ~ +85°C
Storage Temperature	-40°C ~ +85°C

Converter



Article number: **1012**

Description

eviShine Converter

Access to internet RJ45/PDS is required

Included:

- 5VDC Din Rail Power Supply (*article no.: 4410*)

Serial Interface	RS485-RS422
Connector	3.5mm Pitch Terminal Block
Size	94mm x 57mm x 24mm
Input Voltage	DC 5V±0.5V
Operating Temperature	0°C ~ +85°C
Storage Temperature	-40°C ~ +85°C

Converter

Description

eviShine Converter

Access to internet RJ45/PDS is required

Included:

- 5VDC Din Rail Power Supply (*article no.: 4410*)

Article number: **1013**

Serial Interface	RS232
Connector	9 pin D-sub male
Size	89mm x 57mm x 24mm
Input Voltage	DC 5V±0.5V
Operating Temperature	0°C ~ +85°C
Storage Temperature	-40°C ~ +85°C

Converter set 1

Description



eviShine Converter mountet in a box.
Access to internet RJ45/PDS is required

Included:

- Converter (*article no.: 1010*)
- 5VDC Din Rail Power Supply (*article no.: 4410*)
- Box (*article no.: 7003*)

Article number: 1012

Serial Interface	RS485-RS422
Connector	3.5mm Pitch Terminal Block
Size	94mm x 57mm x 24mm
Input Voltage	DC 5V±0.5V
Operating Temperature	0°C ~ +85°C
Storage Temperature	-40°C ~ +85°C

Converter set 2

Description

eviShine Converter mountet in a box
Access to internet RJ45/PDS is required

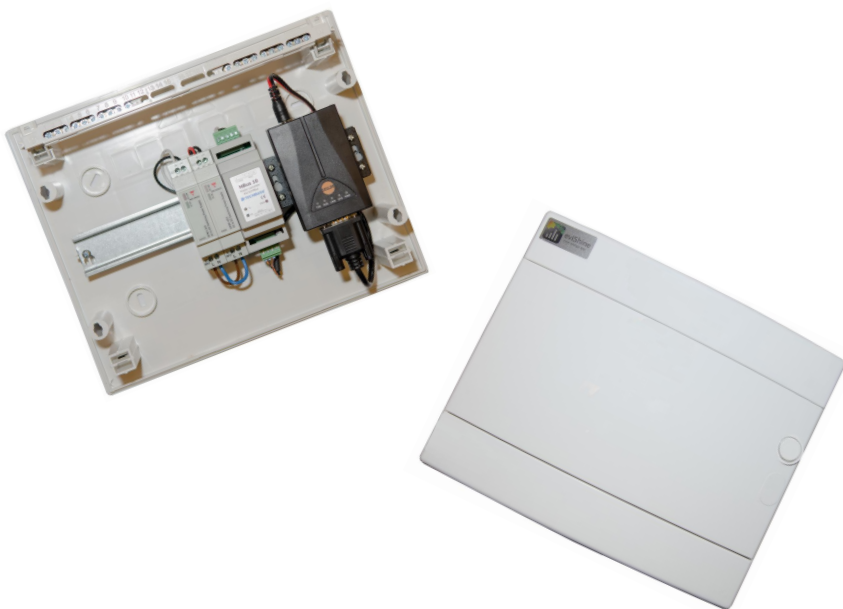
Included:

- Converter (*article no.:1015*)
- 5VDC Din Rail Power Supply (*article no.: 4410*)
- Box HxBxD 160x140x60 (*article no.: 7003*)

Article number: 1023

Serial Interface	RS232
Connector	9 pin D-sub male
Size	89mm x 57mm x 24mm
Input Voltage	DC 5V±0.5V
Operating Temperature	0°C ~ +85°C
Storage Temperature	-40°C ~ +85°C

Converter set 2



Article number: **1023**

Description

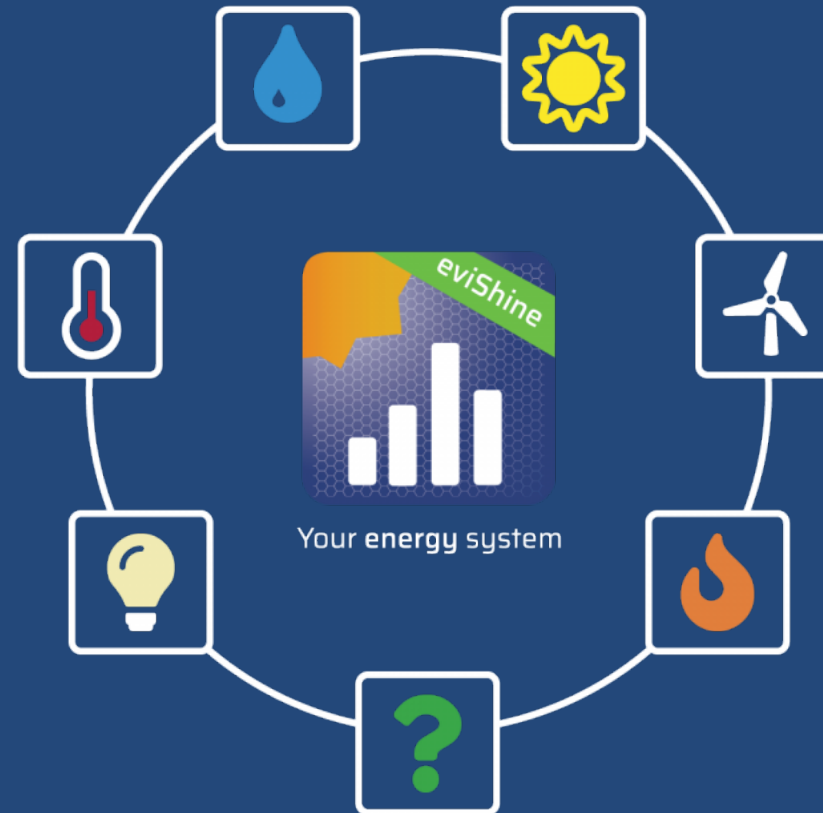
eviShine Converter mountet in a box
Access to internet RJ45/PDS is required

Included:

- Converter (*article no.:1015*)
- 5VDC Din Rail Power Supply (*article no.: 4410*)
- Box HxBxD 160x140x60 (*article no.: 7003*)

Serial Interface	RS232
Connector	9 pin D-sub male
Size	89mm x 57mm x 24mm
Input Voltage	DC 5V±0.5V
Operating Temperature	0°C ~ +85°C
Storage Temperature	-40°C ~ +85°C

Accessories



5VDC Din Rail Power Supply

Description



CARLO GAVAZZI SPM1051 SWITCHING POWER SUPPLY 5VDC 7.5W

Article number: **4410**

Input	100-240VAC	47-63 Hz
Output	5VDC	7.5W

12VDC Din Rail Power Supply

Description



CARLO GAVAZZI SPM1121 SWITCHING POWER SUPPLY 12VDC 10W

Article number: **4412**

Input	100-240VAC	47-63 Hz
Output	12VDC	10W

24VDC Din Rail Power Supply

Description



CARLO GAVAZZI SPM1241 SWITCHING POWER SUPPLY 24VDC 10W

Article number: **4411**

Input	100-240VAC	47-63 Hz
Output	24VDC	10W

Boxes

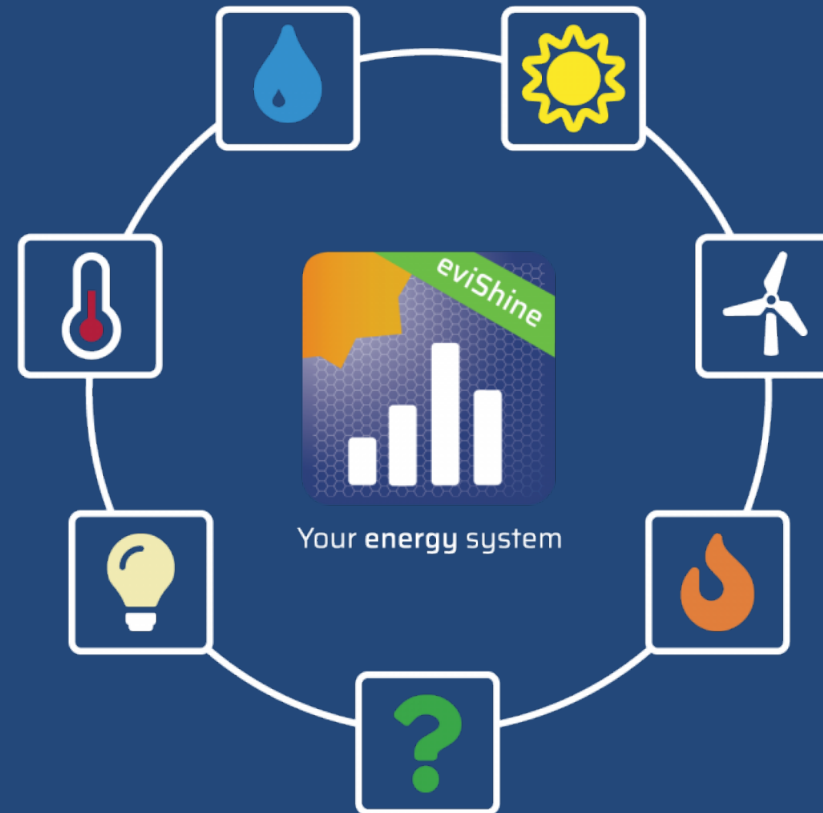
Description



eviShine offers different boxes for your converter, meters etc.
On demand.

Article number: 70XX

M-Bus



M-BUS SOLUTIONS

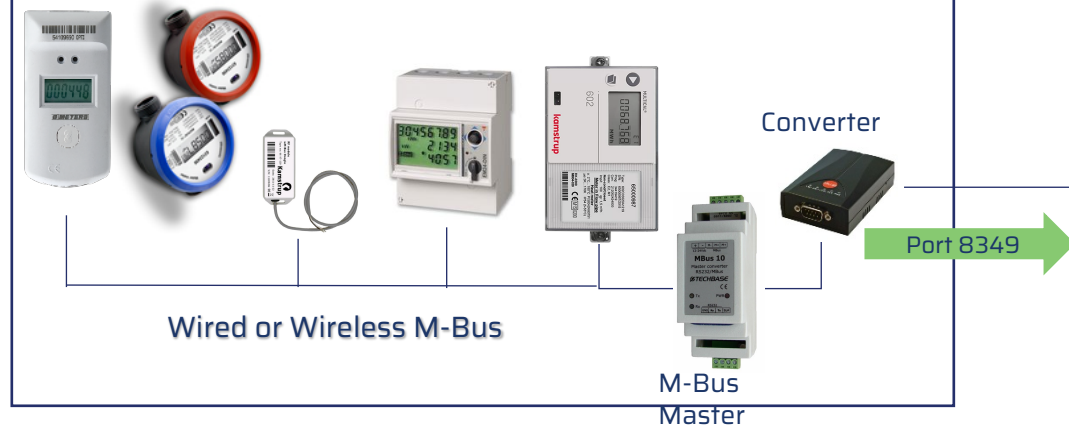
Area
Power
Water
Heat
Heat Cost Allocator
Pulse/Relay
Etc.



There is a great number of M-Bus devices, that can be handled within eviShine. We also have the expertise to help choosing the most efficient setup for your project!

M-Bus DATA COLLECTION

Plant #1



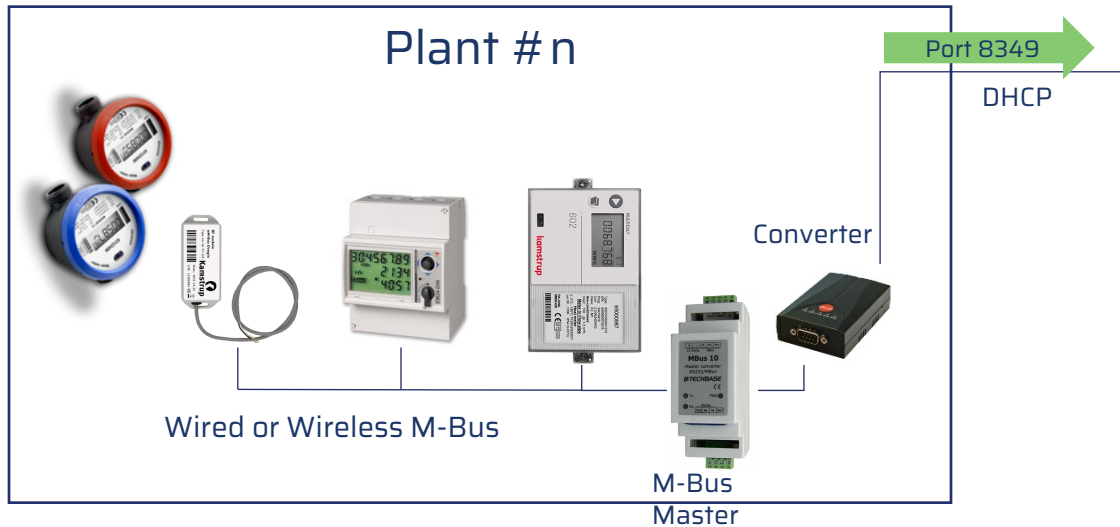
Wired or Wireless M-Bus

Converter

Port 8349

M-Bus
Master

Plant #n



Wired or Wireless M-Bus

Converter

Port 8349

DHCP

M-Bus
Master

MONITORING AND VISUALISATION

Host Europe

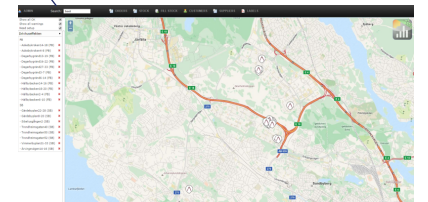
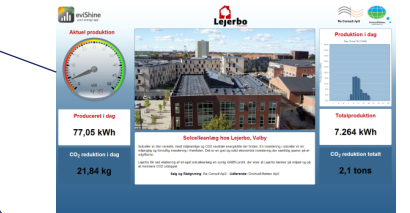
ISO27001 certified, DCSA
Datacenter Star Audit v/
3,0.

eviShine
Cloud

eviShine Server
datapool.dk
(176.28.54.31)

Internet

Internet



Powermeters

Description



eviShine offers differens kinds of powermeters with wired Mbus or RS485

Article number:

21XX

Serial Interface

RS485 or MBus

Watermeters

Description



eviShine offers differens kinds of watermeters with wireless or wired Mbus. On demand.

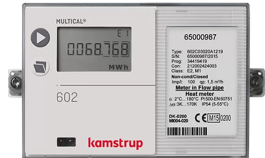
Article number: **46XX**

Serial Interface

Mbus

Heatmeters

Description



eviShine offers differens kinds of heatmeters with wireless or wired Mbus. On demand.

Article number:

45XX

Serial Interface

RS485 or MBus

Mbus master



Article number: 4310

Description

Mbus master for logging data from water-, heat-, and power- meter on the same string. Incl. 24V power adaptor.

Used together with Converter *(article no.: 1015)*

Optional:

- 24VDC Din Rail Power Supply *(article no.: 4411)*

Serial Interface
Size
Input Voltage

RS232
60mm x 34mm x 90mm (Depth x Width x Height)
DC 12 - 24V

Puls to Mbus module



Article number: 4313

Description

The 2-channel pulse adaptor PadPuls M2 allows the use of up to 2 meters with pulse output as Mbus slaves.

Used together with Converter *(article no.: 1015)*
and Mbus master *(article no.: 4310)*

Size WxHxD:80x80x52mm

Battery lifetime: 0,23Ah 10 years at max. 80 failure days p.a. (changeable coin type battery) IP65

Wireless dongle

Description



If you have a meter with wireless Mbus communication, you need a dongle to collect the data from the meters.

A dongle can collect data from up to 4 meters.

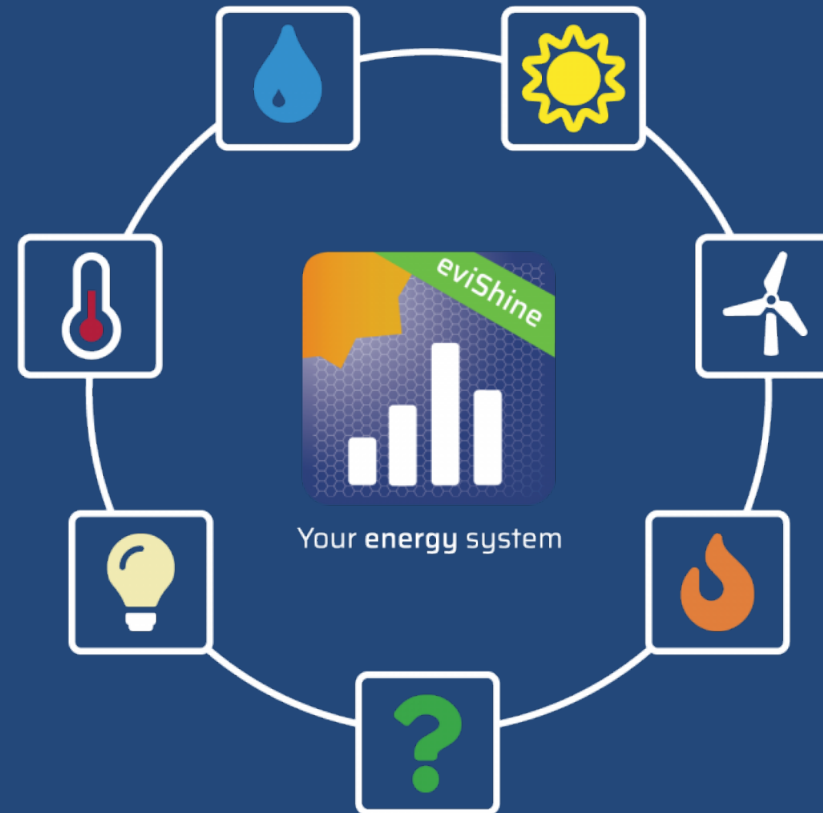
Used together with Converter *(article no.: 1015)*
and Mbus master *(article no.: 4310)*

Article number: 431X

Size WxHxD:80x80x52mm

Battery lifetime: 0,23Ah 10 years at max. 80 failure days p.a. (changeable coin type battery) IP65

Sensor Solutions



PV plant sensors

Irradiation Sensors are used to record the deviations between the possible and the actual power production and provide important key figures in regard to the quality of the entire plant.

An error message can be setup in eviShine when a deviation is detected.

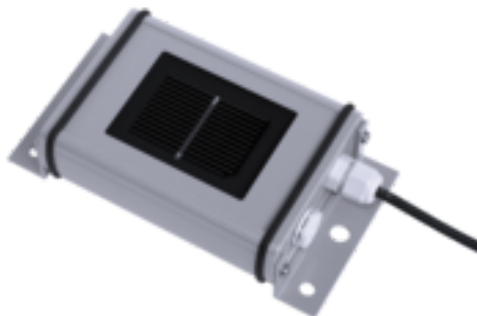
The irradiation sensor provides a reference value for the amount of solar irradiation that can be used to evaluate the potential power production.

Sensor Boxes are used together with eviShine converter. The Sensor Box Advanced has the option to connect an ambient temperature sensor and wind sensor.

Irradiance sensor Standard 1

Description

Irradiance sensor, Incl. 24V power adaptor



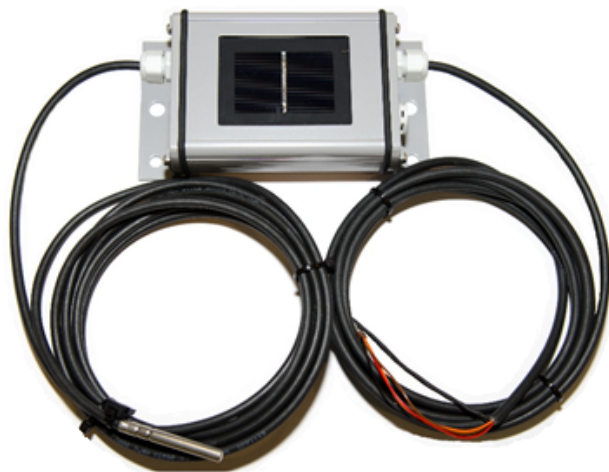
Optional:

- 24V Din Rail Power Supply (*article no: 4411*)
- Converter (*article no: 1010*)

Article number: **4011**

Serial Interface	RS485
Connector	3 m shielded cable
Size	155mm x 85mm x 39mm
Input Voltage	DC 24V
Operating Temperature	-35°C ~ +80°C

Irradiance sensor Standard 2



Article number: **4013**

Description

Irradiance sensor with fixed ambient sensor,
Incl. 24V power adaptor

Optional:

- 24V Din Rail Power Supply (*article no: 4411*)
- Converter (*article no: 1010*)

Serial Interface	RS485
Connector	3 m shielded cable
Size	155mm x 85mm x 39mm
Input Voltage	DC 24V
Operating Temperature	-35°C ~ +80°C

Irradiance sensor Advanced 1

Description

Irradiance sensor, incl. 24V power adaptor



Optional:

- Ambient sensor (*article no.: 4022*)
- Wind sensor (*article no.: 4023*)
- 24V Din Rail Power Supply (*article no: 4411*)
- Converter (*article no: 1010*)

Article number: **4016**

Serial Interface	RS485
Connector	3 m shielded cable
Size	155mm x 85mm x 39mm
Input Voltage	DC 24V
Operating Temperature	-35°C ~ +80°C

Irradiance sensor Advanced 2

Description



Irradiance sensor

Included:

- Ambient sensor (*article no.: 4022*)
- Wind sensor (*article no.: 4023*)
- 24V power adaptor

Optional:

- 24V Din Rail Power Supply (*article no: 4411*)

Article number: **4006**

Serial Interface	RS485
Connector	3 m shielded cable
Size	155mm x 85mm x 39mm
Input Voltage	DC 24V
Operating Temperature	-35°C ~ +80°C

Ambient sensor

Description

External Ambient Temperature Sensor,
with 3 m connection cable.



Used together with Irradiance sensor
Advanced 2. *(article no.: 4016)*

Article number: 4022

Temperature range -40°C ~ +85°C

Wind sensor

Description



Wind Sensor, with 5 m connection cable

Used together with Irradiance sensor
Advanced 2. (*article no.: 4016*)

Article number: **4023**

Temperature range -40°C ~ +85°C

Irradiance sensor set 1

Description



Irradiance sensor set 1

Included:

- Irradiance sensor Standard 1. (*article no.: 4011*)
- Converter. (*article no.: 1010*)
- 5VDC Din Rail Power Supply (*article no.: 4410*)
- 24VDC Din Rail Power Supply (*article no.: 4411*)
- Box
- Testing

Article number: 4007

Serial Interface	RS485
Connector	3 m shielded cable
Size	155mm x 85mm x 39mm
Input Voltage	DC 24V
Operating Temperature	-35°C ~ +80°C

Irradiance sensor set 2



Article number: 4008

Description

Irradiance sensor set 2

Included:

- Irradiance sensor Standard 2. (*article no.: 4013*)
- Converter. (*article no.: 1010*)
- 5VDC Din Rail Power Supply (*article no.: 4410*)
- 24VDC Din Rail Power Supply (*article no.: 4411*)
- *Box*
- *Testing*

Serial Interface	RS485
Connector	3 m shielded cable
Size	155mm x 85mm x 39mm
Input Voltage	DC 24V
Operating Temperature	-35°C ~ +80°C

Irradiance sensor set 3



Article number: 4009

Description

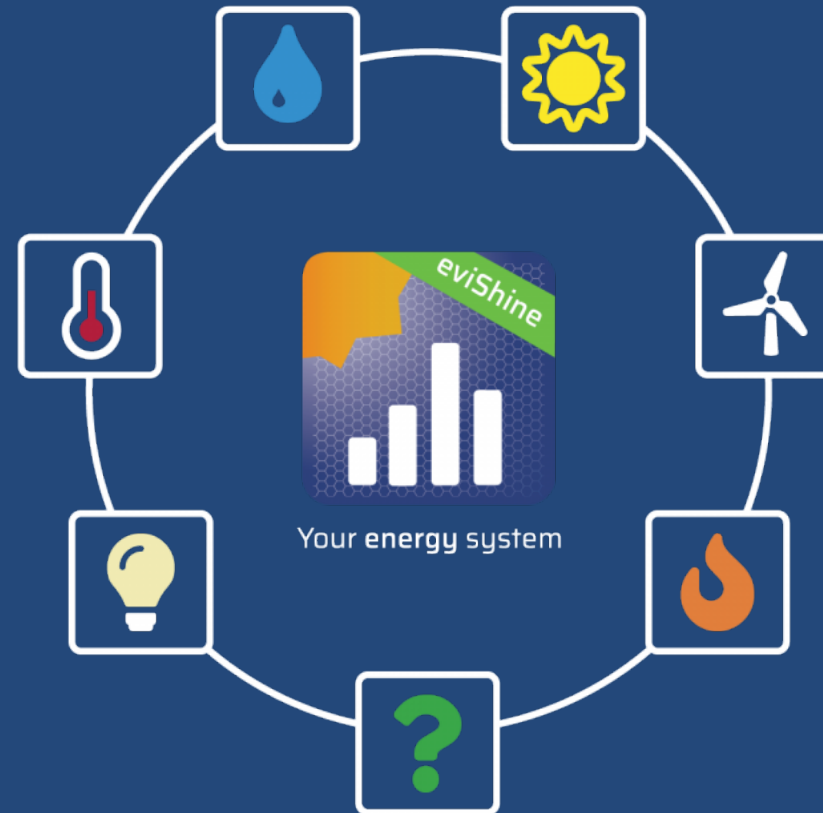
Irradiance sensor set 3

Included:

- Irradiance sensor Advanced 2. (*article no.: 4016*)
- Ambient sensor. (*article no.: 4022*)
- Wind sensor. (*article no.: 4023*)
- Converter. (*article no.: 1010*)
- 5VDC Din Rail Power Supply (*article no.: 4410*)
- 24VDC Din Rail Power Supply (*article no.: 4411*)
- Box
- Testing

Serial Interface	RS485
Connector	3 m shielded cable
Size	155mm x 85mm x 39mm
Input Voltage	DC 24V
Operating Temperature	-35°C ~ +80°C

Info Screen



Info Screen

With an info screen you can monitor your green profile, watch your energy consumption or production in an easy and clear way.

eviShine offers you a full (complete) solution, where you through eviShine decide when the info screen shall start up/shutdown every day.

eviShine uses only public displays from Samsung with 3 years onsite guarantee.

You can have your own webpage that shows your profile as you want it.

Mini pc

Description



Mini Pc

Included:

- 1m patch cable
- 1m HDMI cable
- 1 pcs 230V cable
- USB key

Optional:

- Info screen from 32" ad up
- Webpage (*article no: 3800 - 3801 - 3802*)

Article number: 3500

Size	114mm x 107mm x 56mm
Input Voltage	230V AC - (DC 12V Adaptor)
Operating Temperature	+15°C ~ +40°C

Infoscreen Public Display



Article number: 35XX

Description

Infoscreen

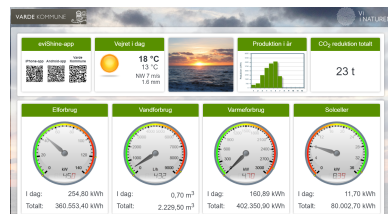
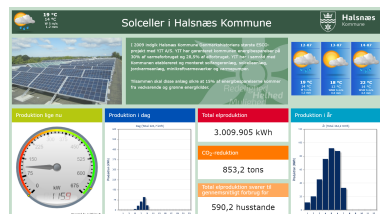
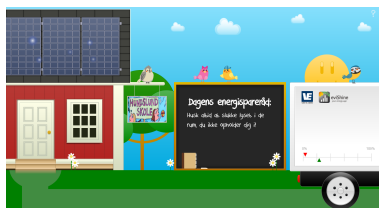
Included:

- Public display from 32" and up
- Wall mounter for Public display
- Mini Pc (*article no 3500*)
- 1m patch cable
- *1m HDMI cable*
- *2 pcs 230V cable*

Optional:

- *Webpage (article no: 3800 - 3801 - 3802)*

Web paged



Description

Web paged

Included:

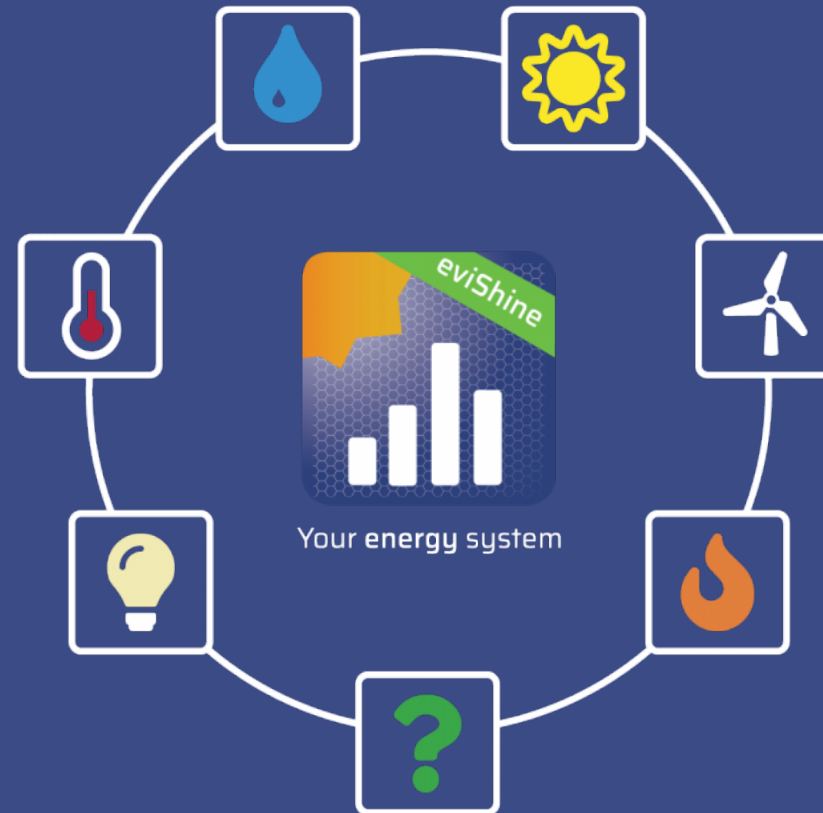
- Design your own webpages
- You shall come with the Pictures and the description

You can have some inspiration in this link.

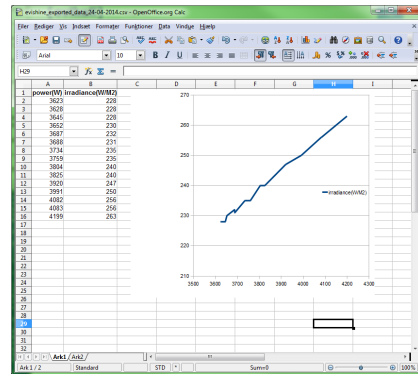
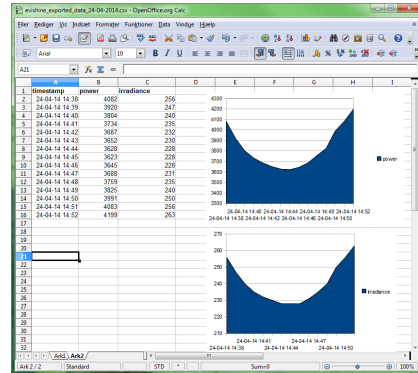
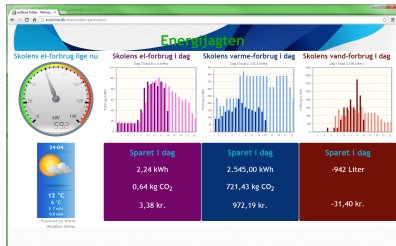
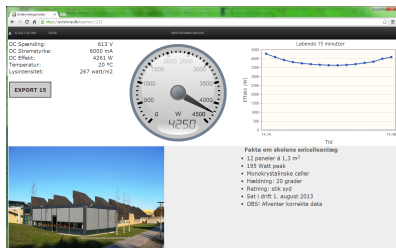
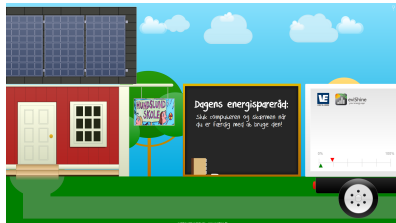
<http://evishine.dk/sites/display/spiseseddel/>

Article number: 38XX

Education module



Education Module



Description

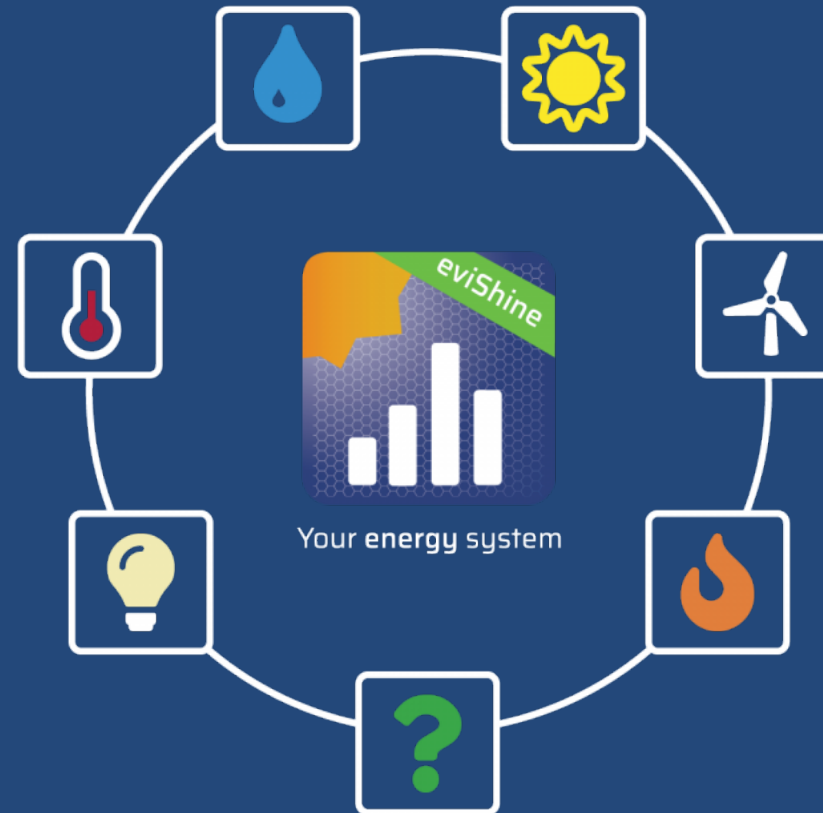
Education Module for Kindergarten, Public School and High School.

You can have your own module where the students can work with real data from your school.

You can have your own energy hunting site where you can follow your energy use compared to your budget and many other things.

Article number: 39XX

Services



Integration Service

Description

SRO BMS
SCADA
CTS EMS

Integration Service

We can send all the data we get from inverters, meters etc. to BMS, SCADA, CTS, SRO, EMS etc. or we can get data from them to show your energy use or production etc.

Article number: 5010

Contact:

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