Solar Monitor

Precise supervision for your photovoltaic plant

Solar Monitor

- is an innovative solar plant monitoring solution

- is developed exactly for Czech market needs - it supports automatic issuing of invoices and energy statements to **maximally simplify the tricky grant regulations**

- displays current production data and **continuously protects your plant** against theft or unexpected outage

- promptly informs you about problems thereby **prevents yield loss**

- is operated via **well-arranged web interface** - you need only a web browser to have a control over your photovoltaic plant

- **natively supports czech language** and applies context help to keep you on the right way

Panel temp.

Ambient temp.

Solar Irradiance

Theft

Lightning arrester

Inverter status

kWh
Energy meter

In-house consumption

Production Overview:

Current yield

Graphs

Continuous Supervision:

E-mails

SMS

Required Paperwork:

Invoices

Statements
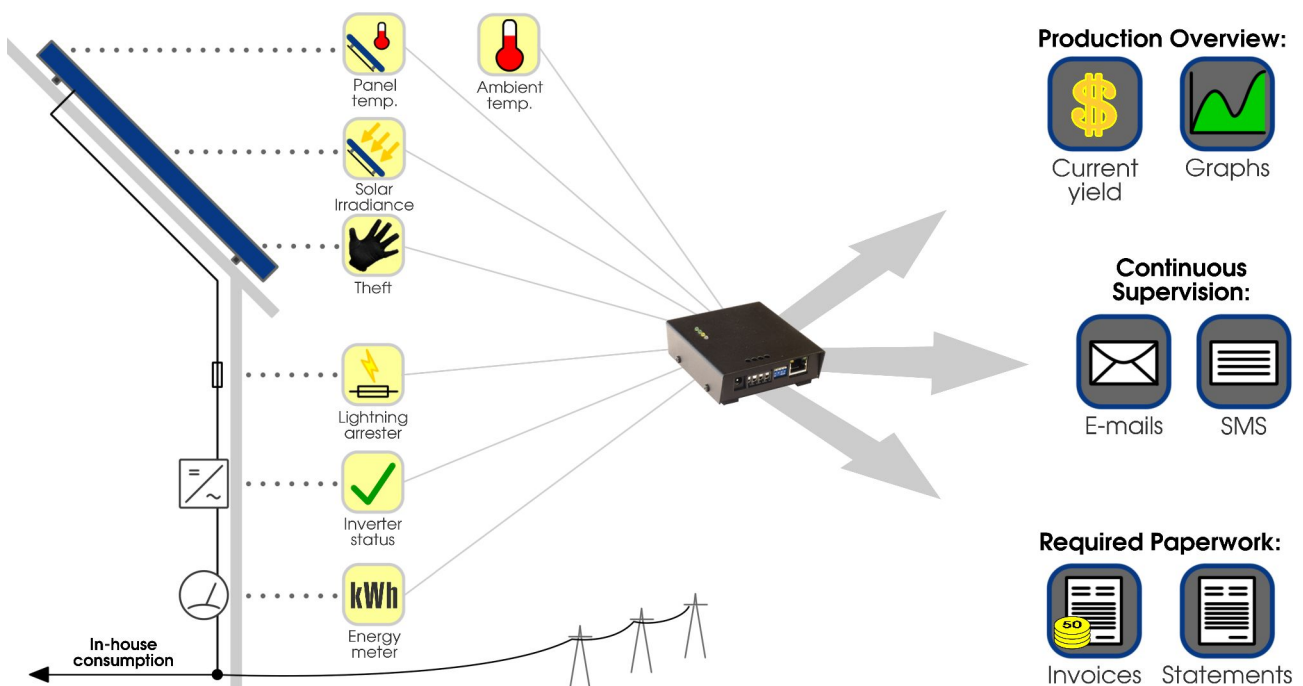
Key Features:

- **Integrated Invoicing:**
  Do not loose your time with paperwork!

- **Production Summary:**
  Current data always available

- **Event Notification:**
  Be promptly informed about status change and other events

- **Theft Protection:**
  Don´t tremble for your investment

- **Lightning Arrester:**
  You know when a problem occured

- **Panel and Ambient Temperature:**
  Temperatures, solar radiation intensity and energy output are shown in interactive graphs

- **Continuous Inverter Monitoring:**
  Inverter is a most important part of your plant hence is monitored 24h / day

Web Interface:

- Completely localized
- Well-arranged and intuitive
- Fast
- Cantains context help
- The user does not need to have energetic and accounting background
- Independent on computer platform and operating system - web browser is always available
- Easily customizable plant name

Intuitive interface in a web browser

Production Overview:

- Tidy graphs show production data
- Peak values table *(panel temp., ambient temp., solar radiation, inverter temp., grid frequency, grid voltage...)*
- Saved CO_2 emissions
- Gadget for Windows Sidebar displays production data directly on your desktop (for Windows XP, Vista, 7)
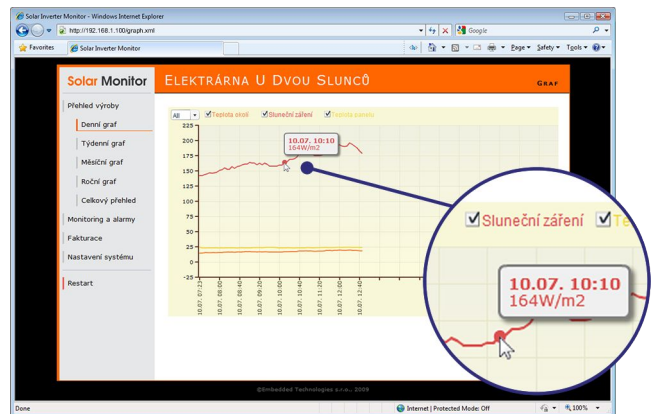
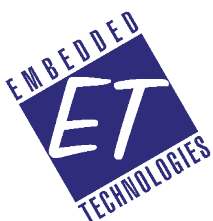Interactive graph

Billing Features:

- Designed for Czech market
- Billing data has to be set only once
- Generates invoice for "green bonus" (state-aided price per kWh)
- Generates invoice for energy sold to your customer(s)
- Generates energy statement (for bureau of energy regulation)
- Supports both modes of production ("green bonus" or "forced buyout")
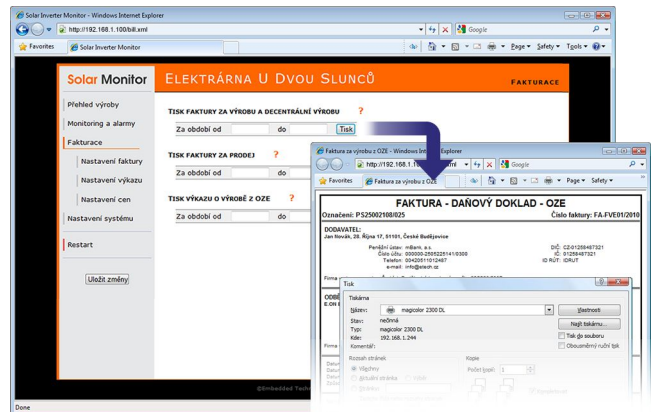
Billing: automatic invoice creation and print

Technical Parameters:

- Dimensions: 86x33x90mm
- Power supply: 12V adaptor
- Optional DIN-rail or wall montage kits