iPV-Monitor

,

Code: E86201.

Description

The **PV-Monitor-M** is an energy management device designed to monitor instantaneous self-consumption from photovoltaic installations. To this end, it comprises an inbuilt datalogger, web server with **Embedded PowerStudio** and a SCADA application.

The device provides real-time information on photovoltaic production, energy savings and consumption in a building, home, company, etc. , as well as storing historical data for periodic analysis.

It is also equipped with a MET probe to measure the PV module's solar radiation, plus its ambient and surface temperatures , the data obtained being used to calculate the installation's performance.

The **PV-Monitor-M** offers the following advantages:

- Detection of low performance ratio (yield index) in the PV installation
- Instantaneous energy balance of consumption compared to PV generation
- Self-consumption percentage calculation for the current month (solar fraction)
- General alarms in the PV installation to notify
- of any anomalous operation (e-mail alerts)
- Reduction in energy consumed from the electrical network
- Reduction in CO_2 emissions released into the atmosphere.

Application

- Photovoltaic installations for self-consumption (with or without injection into the electricity grid)
- Remote energy balance monitoring and recording system (with or without injection into the electricity grid).

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iPV-Monitor

Photovoltaic monitoring datalogger

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Specifications

iPV-Monitor
Photovoltaic monitoring datalogger

CODE	TYPE
E86201.	iPV-Monitor

* 1=Spanish / 2= French / 3=English Examples: E81001=Spanish / E81102= French

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