

Solar Measurements

PHOTOVOLTAIC INSTALLATION MONITORING

To verify efficient operation, photovoltaic installations require monitoring, data logging and reporting.

Symmetron's monitoring system is simple and affordable.

COMPATIBLE DATA LOGGERS

- Stylitis-10
- Stylitis-101

COMPATIBLE SENSORS

- 2EN
- DeltaOhm
- Gill
- LiCor
- MetOne
- NRG Systems
- Riso
- RM Young
- Rotronic
- Skye
- Thies Clima
- Vaisala
- Vector Instruments
- Other.

COMPATIBLE SOFTWARE

- **Opton** – data and data logger management software.
- **Stylitis Explorer** – data and data logger management software.
- **AutoConnect** – operation automation software.
- **Diameson** – Server gateway software that allows on-line connections in GPRS networks.
- **Captum** – Real-time, data logger monitoring on the web.

For detailed specs please refer to individual product data sheets.

FEATURES

- Manual or Automatic operation.
- On-line web presentation.
- Long-term data available for:
 - Power
 - Energy
 - Temperature
 - Solar radiation
 - Wind speed
 - Wind direction
- Compatibility with all inverters.
- Supports RS-232, GSM, GPRS and Ethernet connections.
- Compatible with Windows 2000/XP/Vista/7.

BASIC SYSTEM

- Solar radiation
- External temperature
- Energy production

STANDARD SYSTEM

- Solar radiation
- Panel voltage
- Panel current
- External temperature
- Panel surface temperature
- Wind speed
- Wind direction
- Energy production

CUSTOM SYSTEM

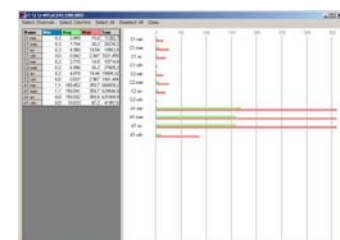
- According to customer requirements



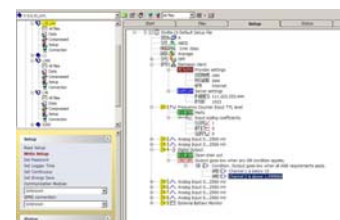
Captum real-time plot



AutoConnect



Statistics



Graphical setup



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A full system measures 8 or more parameters

