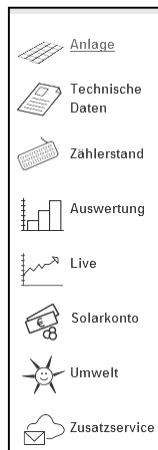


New features in the Sunways Portal

Sunways AG is pleased to introduce the following new features in the Sunways Portal.

- Free basic access for Communicator and direct connection (AT/PT)
- Professional access with attractive and precise Portal fee structure based on kWp
- Automatic professional access extension via the Portal is possible

Free basic access

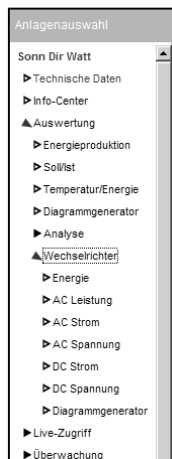


Basic access is designed for private users wishing to keep track of their system yields.

- System yield visualisation
- Display of energy yields as 5-minute, daily, monthly, annual and total values
- Live access
- No system data storage required

Sunways AG offers this access free of charge.

Professional access



Professional access includes all functionalities that professional system operators expect from a monitoring portal. This access is offered at an attractive price.

- Display of all inverter operating data
- System monitoring and notification of deviations via the Portal
- Comparison between target yields and actual yields
- Automatic dispatch of system reports
- Access to professional weather data
- System management via login

The charges for professional access consist of a basic fee of € 48 (net) per year and a system fee of € 0.42 per year for each kWp of installed PV capacity.

New payment system

Since 1 July 2008 professional access users can pay directly via the Portal. Once the access period has expired the start page of your solar system will automatically display an option for extending the professional access period. A link is displayed that leads directly to a webshop where users can pay for a further 12-month access period. Payments can be made by credit card or direct debit (within Germany). Once the payment has been approved the access is directly reactivated.

Further new Sunways Portal functions

Since Intersolar 2008 the Sunways Portal offers further new functions:

- **The pop-up portal display has been dropped**
Login is now faster and more user-friendly without additional window, while the familiar menu items remain visible in your web browser.
- **Instant alerting from the Portal**
Measured data from network data loggers can now be updated and displayed in the Sunways Portal on an hourly basis
- **Communication between Portal and Communicator DSL switched to port 80**
Manual firewall configuration is no longer required
- **Improved alarm overview at system level**
New filters enable a clearly arranged display of all alarms within a selected period
- **The Sunways Portal is now also available in French**
The Sunways Portal is now available in five languages: German, English, Spanish, Italian, French

Overview of professional access functions

Yield simulation

Simulation of your PV system based on the system configuration and irradiance data for your location. Compare simulated yields with actual values and assess your system yields. Once the access period has expired the start page of your solar system will automatically display an option for extending the professional access period.

Extended graphical analysis diagrams

In addition measured inverter values can be displayed graphically. Compare the AC outputs of the individual inverters and analyse voltages and currents on the AC or DC side. A monitoring function issues an alarm if the yield from one of the inverters is inadequate.

System monitoring

The monitoring system analyses the measured data and issues alarms via e-mail, fax or SMS if any malfunctions are detected. Malfunctions, service tasks and failures can be recorded and retrieved in a logbook.

Reports

You can prepare and store various reports for your system. The system will send you the reports via e-mail at configurable intervals. The reports can also be prepared and downloaded via the Portal at any time. The reports are available in csv, html or pdf format.