



Make your energy work
more efficiently for you.

Monitoring and Managing
solar power with Solar-Log™



Solar-Log™ monitors and manages your PV plant

Technical equipment wears out eventually and therefore needs to be monitored continuously to ensure smooth long-term operation. This is the reason, we take our cars to a mechanic for a tune-up and have technicians regularly service HVAC systems. However, who ensures the correct operation of your PV plant and manages the effective use of your self-produced power? Solar-Log™ offers the best option by providing continuous monitoring of PV plants and ensuring the optimal use of self-produced power. Solar-Log™ monitoring systems, in conjunction with your installer, portal operator and service provider, give you complete control of your power consumption and efficiency. Even when you are away from home, you can monitor system performance with Solar-Log™.

Not knowing is no way to manage your solar power. A service agreement with your installer, portal operator and service provider is the best protection.

Working with your monitoring specialist, Solar-Log™ provides you with a fully automatic, all-inclusive package. Even if you are on vacation, it's easy to monitor the status of the entire system. You can trust top-notch quality from the world market leader.



“Since I started letting my PV plant be monitored by Solar-Log™, I can sit back and relax, knowing my installer is remotely monitoring all status messages in real time.”

Solar-Log™ owner Gerd Neumann

Detect power outages quickly

Power outages in solar plants are either never noticed or not noticed for several weeks which can reduce the plant performance significantly. Daily reading of power meters makes it difficult to detect generated power losses. The Solar-Log™ monitoring system, however, immediately alerts you of any malfunction, by e-mail or text message around-the-clock.

Reasons for system failures:

Individual solar panel failure

from a lightning strike, cable break, broken glass, hail or cloudy glass

Power loss due to dirt and grime

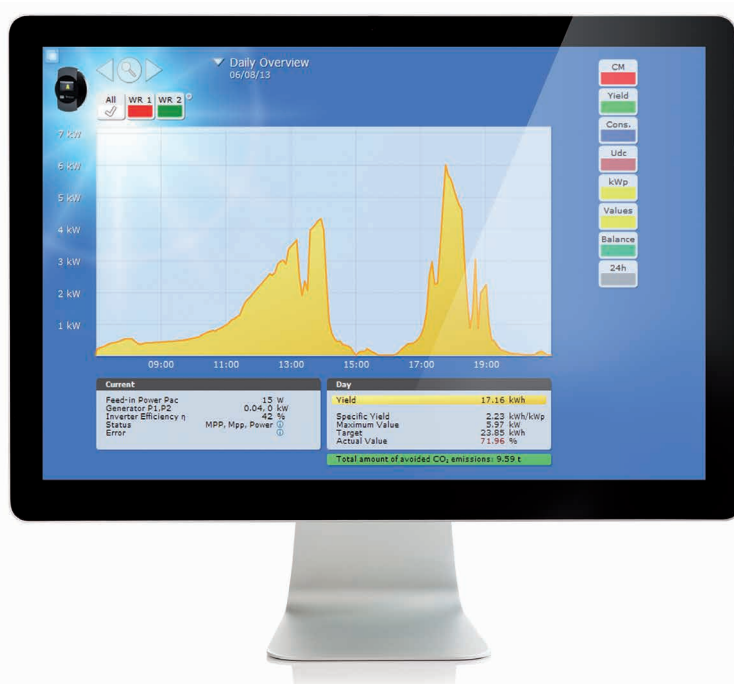
such as from soot, pollen or bird droppings

Cable damage

from rodents or corrosion

Power outages due to inverter failure

caused by overvoltage, lightning strikes or electronic failure



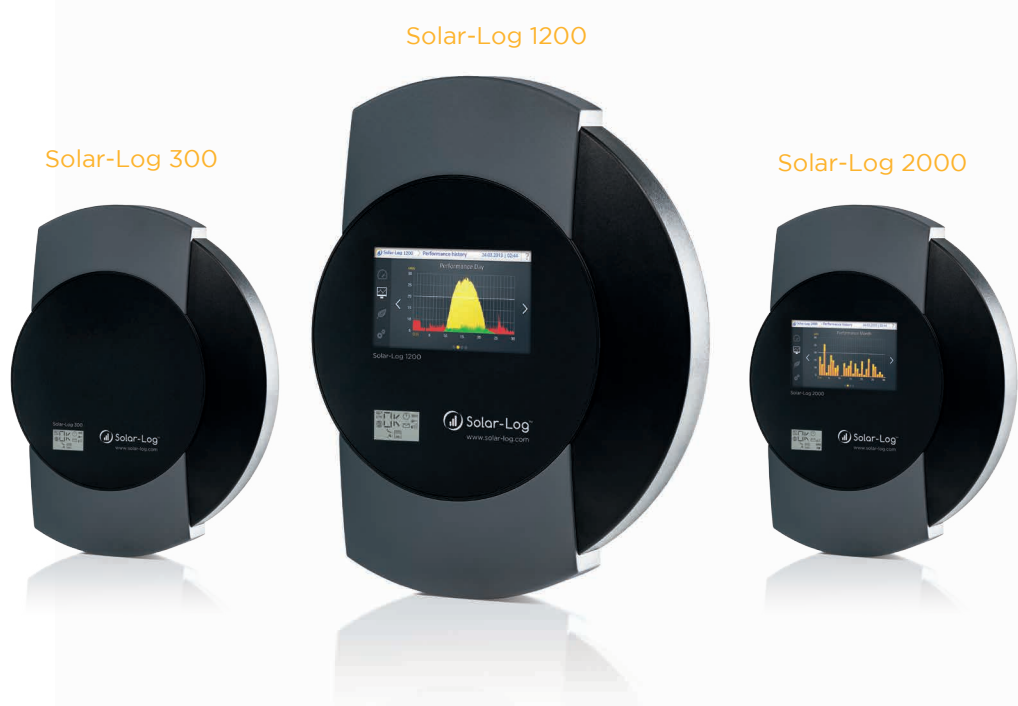
Daily overview using three inverters, shading between 3 p.m. and 5 p.m.

Solar-Log™ Highlights

No matter how large your system, or what conditions are present on site, Solar-Log™ monitoring systems can be customized to your needs. You can order from a wide variety of options and extensions to create a Solar-Log™ system that is just right for you.

Just the right Solar-Log™ system for optimum monitoring

All Solar-Log™ modules are available with several different options and features for system capacities up to 15 kWp, 100 kWp and 2000 kWp. They are equipped with numerous features and options such as Color TFT-Touch-Display, Bluetooth, Powermanagement, GPRS modem and much more.

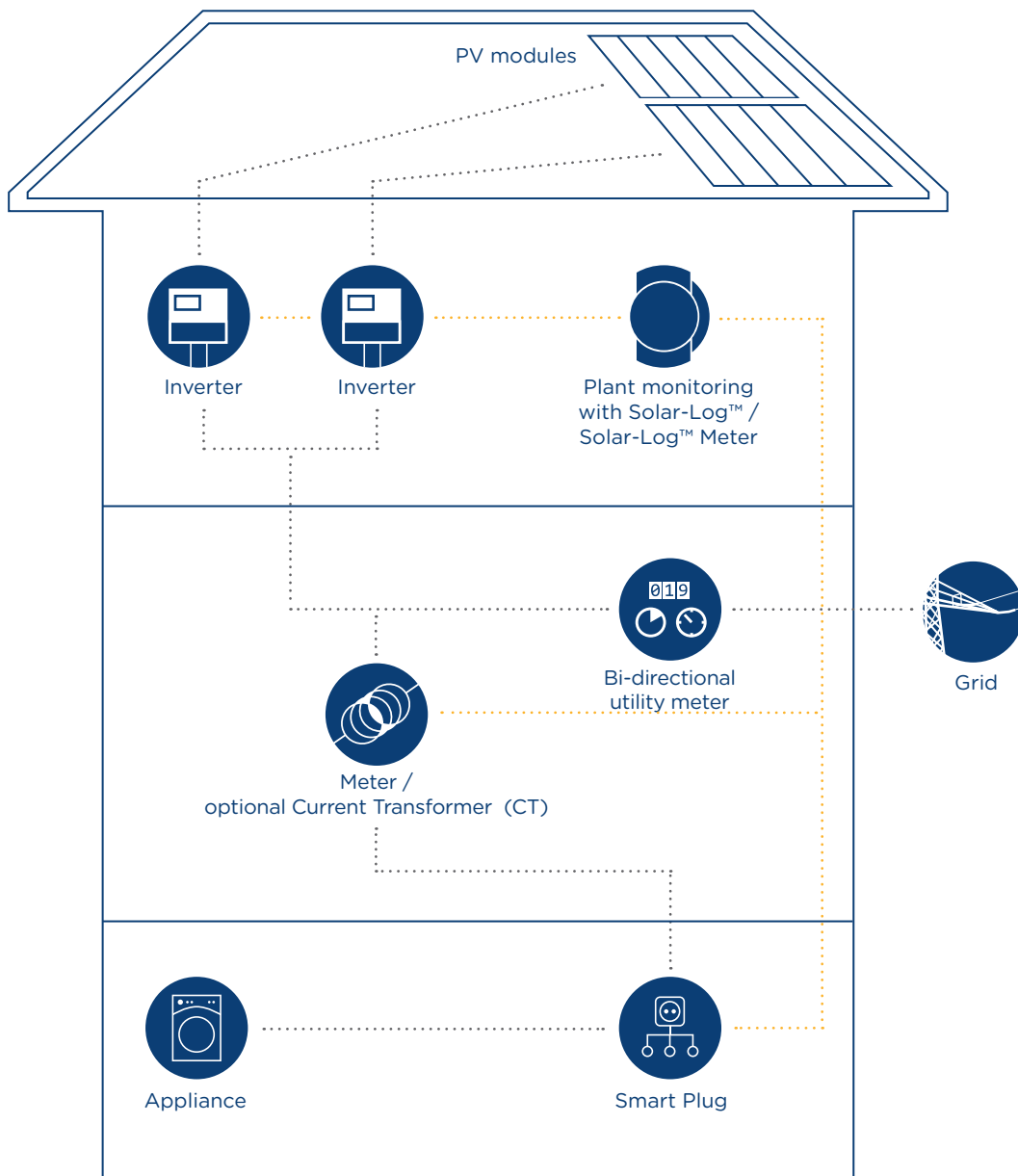


Top Features	Solar-Log 300	Solar-Log 1200	Solar-Log 2000
Plant size	for small PV plants up to 15 kWp	for mid-size PV plants up to 100 kWp	for large plants up to 2000 kWp
LCD-Status-Display	●	●	●
Display and operate using the Color TFT-Touch-Display	-	●	●
Monitor, control and optimize self-consumption	●	●	●
Optional Powermanagement	●	●	●
Reduced Data Volumes for the Solar-Log™ WEB*	●	●	●

* It is possible to make a data transfer to a third-party portal once per day via FTP. An additional license is required for more frequent transfers.

Optimizing the self-consumption of PV power.

The Solar-Log™ presents an easy-to-read visualization of power-consumption and can switch on and off power-consuming devices, such as heat pumps and air conditioners. The Solar-Log™ Meter module is a data logger and power meter all-in-one, you no longer need an additional meter to monitor the power production from your PV plant or to measure the power consumption.



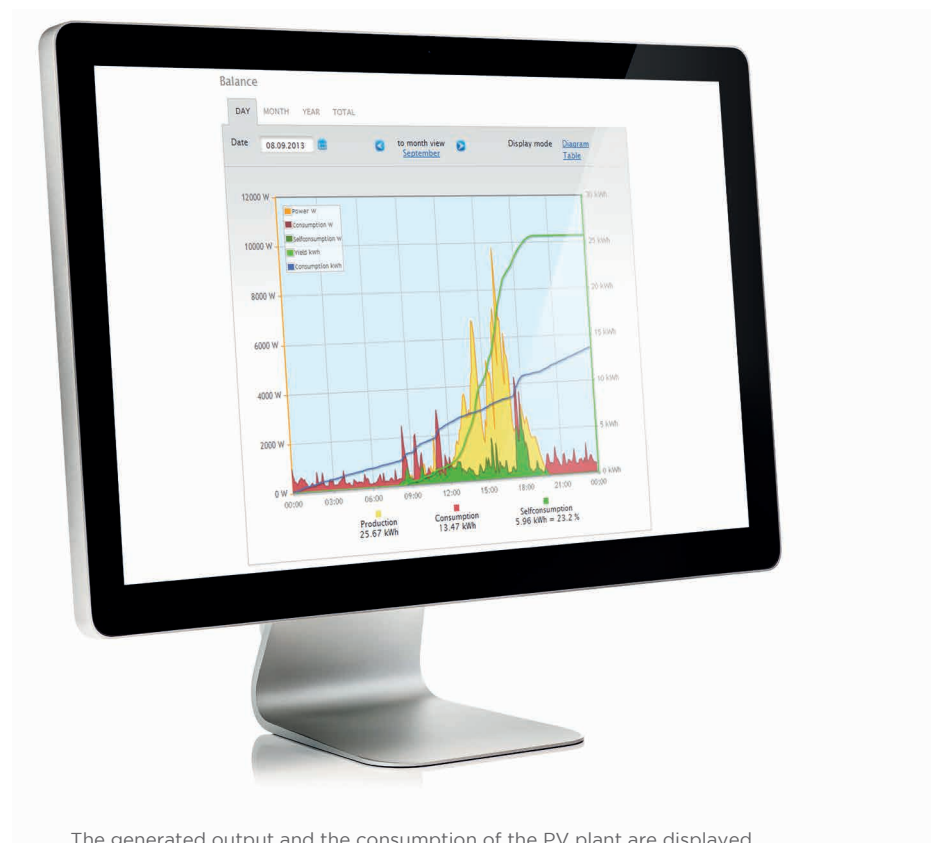
Use Solar-Log™ to maximize self-consumption power. Use your energy where you need it.
Only possible with a consumption meter.

Keep an eye on your system: Solar-Log™ WEB

Solar-Log™ WEB features concise display options that can be accessed online from anywhere in the world, letting you keep a close eye on your yield and system data.

The „All-inclusive Package“ from a professional

The Solar-Log™ WEB online platform is part of the service contract with your installer and portal operator and is the central control element for monitoring, maintaining and servicing your PV plant. This offers you the most convenience and ensures the highest degree of protection since your professional monitoring specialist quickly and efficiently handles all of the data and status messages. You don't have to worry about anything.



The generated output and the consumption of the PV plant are displayed in the "Balance" section.

Solar-Log™ Dashboard

The Solar-Log™ Dashboard works in combination with the Solar-Log™ WEB “Commercial Edition” to access all of your PV system information, including yields, CO₂ savings and performance.

Solar Log™ APP

The Solar-Log™ APP displays up-to-the-minute real-time and historical data on your mobile device as a daily, monthly, annual or general overview. This allows you to access the data from anywhere at any time with your smart-phone or tablet (iOS and Android).

Intelligent Accessories

All Solar-Log™ devices can be enhanced with several optional accessories to find the perfect fit to meet the specific needs of your PV plant, providing extra protection, additional functions or improved control and display of power production and consumption.



Solar-Log™ Dashboard shows you PV system performance at a glance.

10 Reasons for investing in a Solar-Log™ monitoring system

- 1 The best price/performance ratio for top-notch monitoring.
- 2 Maximize your revenue goals; Solar-Log™ sends immediate notification by e-mail or text message in case of any malfunction or reduced performance.
- 3 Gain independence over rising energy costs by using the self-consumption performance feature.
- 4 Easy-to-use display directly on the device as well as online access for remote operation.
- 5 Network integration is easy and does not require software installation.
- 6 The Solar-Log™ monitoring system provides protection on your ROI and offers the bank security it needs.
- 7 Increased property values due to having a PV plant installed with self-consumption power management.
- 8 Convenience and certainty when used with a service contract from a monitoring specialist who will take care of things.
- 9 Demonstrates your active concern for environmental protection.
- 10 Solar-Log™ devices are made in Germany, to the highest quality standards, by the world's market leader.



Subject to change without notice!

Solare Datensysteme GmbH
www.solar-log.com

