

# Solar-Log 250 - more than just Pulse Metering

## Qualified Monitoring at Low Costs

Pulse Metering devices provide production data; is this really sufficient to make sure the PV plant operates properly? We say no. The number of more than 243,000 PV plants equipped with Solar-Log™ data loggers worldwide confirm this. So we offer to learn more about permanent monitoring, inverter status codes and error codes as well as about inverter tracker comparison and, in general, the easy detection of plant failures on your PV system.



Keeping control - daily overview with two MPP-Tracker to ensure that the solar power plant runs efficiently.

With Solar-Log 250 and the Solar-Log™ WEB software portals, you have access to your PV system from anywhere in the world. With different graphics and overviews, you can identify if the PV plant works properly. The information then can be analyzed, concisely displayed and you or your service provider can react immediately, if needed.

## Advantages of Solar-Log 250, the “all-in-one” device



Solar-Log 250

Solar-Log 250 is the ideal tool for monitoring existing and new plants in the residential sector up to 10 kWp with 1 inverter. The data logger stands for qualified monitoring to protect the PV investment in every respect. With comprehensive features and functions, the Solar-Log 250 can also be used to measure your own consumption with an additional meter, if needed:

- Compatibility with all major inverter brands on the market
- State-of-the-art LCD status display to inform about installation and operating status
- Solar-Log™ Easy Installation - no special PC or Internet expertise is required to take advantage of the quick and simple installation
- Detected breakdown or reduced performance - immediate notification by e-mail
- Saving time and money - configuration of the Solar-Log 250 via its web interface

## Solar-Log™ Dashboard - All information at a glance



Solar-Log™ Dashboard - displaying PV plant performance at a glance.

Present your photovoltaic plant's performance data in a unique way with customized style. The Dashboard delivers a concise presentation of yields, CO<sub>2</sub> savings and performance. As an alternative, we also offer large external Solarfox® displays and the newly developed Solar-Log™ APP for mobile access.

## Solar-Log 250 compared to Pulse Metering – some differences...

	Solar-Log™	Pulse Metering	Info
production (kWh) too low	yes	no	monitoring by inverter/by string
error/status code sent from inverter	yes	no	direct communication with inverter
shadow recognition on PV plant	yes	no	info about impact of shadowing
inverter efficiency (all inverters/by day)	yes	no	calculation inverter efficiency (DC/AC)
production communication by inverter	yes	no	real monitoring by inverter (AC/DC)
production communication by meter	yes	no	connecting production or consumption meter
comparison potential +actual production	yes	no	follow production by roof, slope or module; connection up to 9 sensors

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## The alternative if you need qualified monitoring at low costs

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- 1 Much more than just Pulse Metering and Visualization
- 2 Protect your PV investment
- 3 Efficiency and liability - all-in-one solution at low costs
- 4 Saving time and money
- 5 PV system monitoring and measuring own consumption at once
- 6 Feed-in Power Limitation (optional)
- 7 Retrofit your existing PV plant without proper monitoring yet
- 8 Retaining control of and presenting the PV plant



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