

KACO-monitoring

watchDOG
proLOG
inSIGHT
sunWATCH



Easy to install

Inverter integrated monitoring available

Monitor up to 32 inverters with one device

Affordable, reliable and accurate data collection

Instant alarms via email to maximize uptime

Real time and historical production data

Environmental savings graph

Maximize customer satisfaction


K A C O



new energy.



LETS YOU get on with living

Watch a movie, cook a meal, email a friend—whatever it is you do with your free time, using KACO new energy's integrated monitoring tools for your solar system lets you get on with living. Reliable, accurate PV system data when you need it and right at your fingertips with KACO new energy's innovative portfolio of accessory options. You can have unlimited access to your historic and current production data or you can review your environmental savings. KACO watchDOG or KACO proLOG will monitor multiple inverters in a PV system and produce visual graphic representations of your PV production data. The KACO inSIGHT RSS feed will provide you with mobile access to your PV system data via wireless enabled devices such as a digital picture frame (available separately) or smartphone. It can even be imbedded in your facebook page. 

State of the art monitoring is available through your preferred inverter partner, KACO new energy. With your KACO watchDOG or KACO proLOG, you will receive five years of free standard monitoring on any system size less than or equal to 10kW AC. This free solution will provide you with basic PV production data via the blueplanet webportal. The professional monitoring service offers unrestricted access to your PV data with interactive features for an additional cost. Our monitoring options are easy to install, broad reaching and offer KACO's superior warranty and support. So go ahead. Sit down and relax, smiling with the satisfaction of knowing that you are protecting your investment, ensuring maximum energy yield and able to access your PV system data with the push of a button.

KACO watchDOG

Residential installers will love the integrated monitoring feature. The KACO watchDOG is coupled with an embedded digital control processor created by KACO for the blueplanet 02xi series inverters. The KACO watchDOG is a powerful monitoring tool that will accurately and reliably gather the most pertinent data about your PV system. Now it's even easier to know that your PV system is operating at its optimum level. The KACO watchDOG decreases costs and increases reliability to give you the most innovative monitoring solution in the solar marketplace.



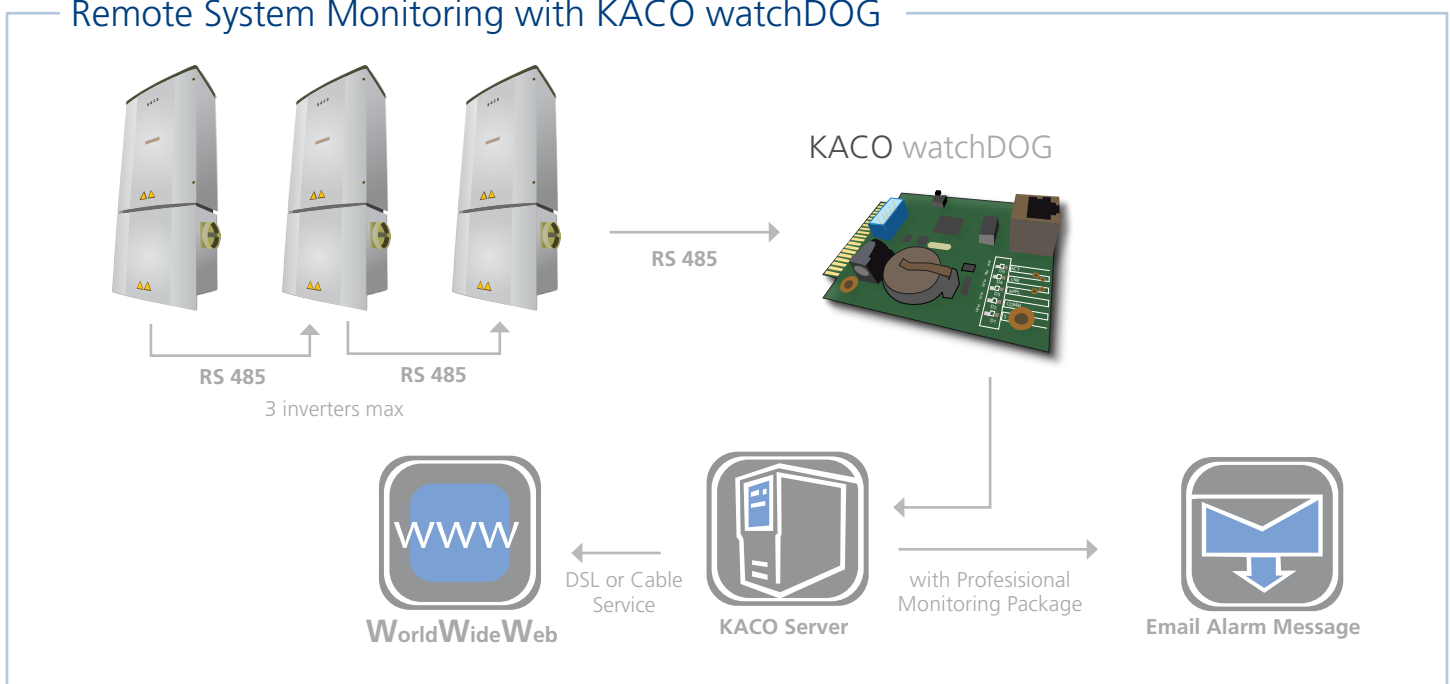
The KACO watchDOG monitors PV system performance from inside the inverter. All that is needed is an active Ethernet internet connection.

Through the KACO blueplanet web portal you will be able to remotely view your current production, historical production data and production trends. With the Professional Monitoring Package, your status alarms can be configured to email you the moment that a problem arises. This will help to maximize system uptime, overall performance and increase savings.

features

- Easy field installation inside the inverter
- No need for an external power supply
- Data collection for up to three inverters
- Technical assistance via telephone 9 - 5 Monday through Friday

Remote System Monitoring with KACO watchDOG



KACO proLOG



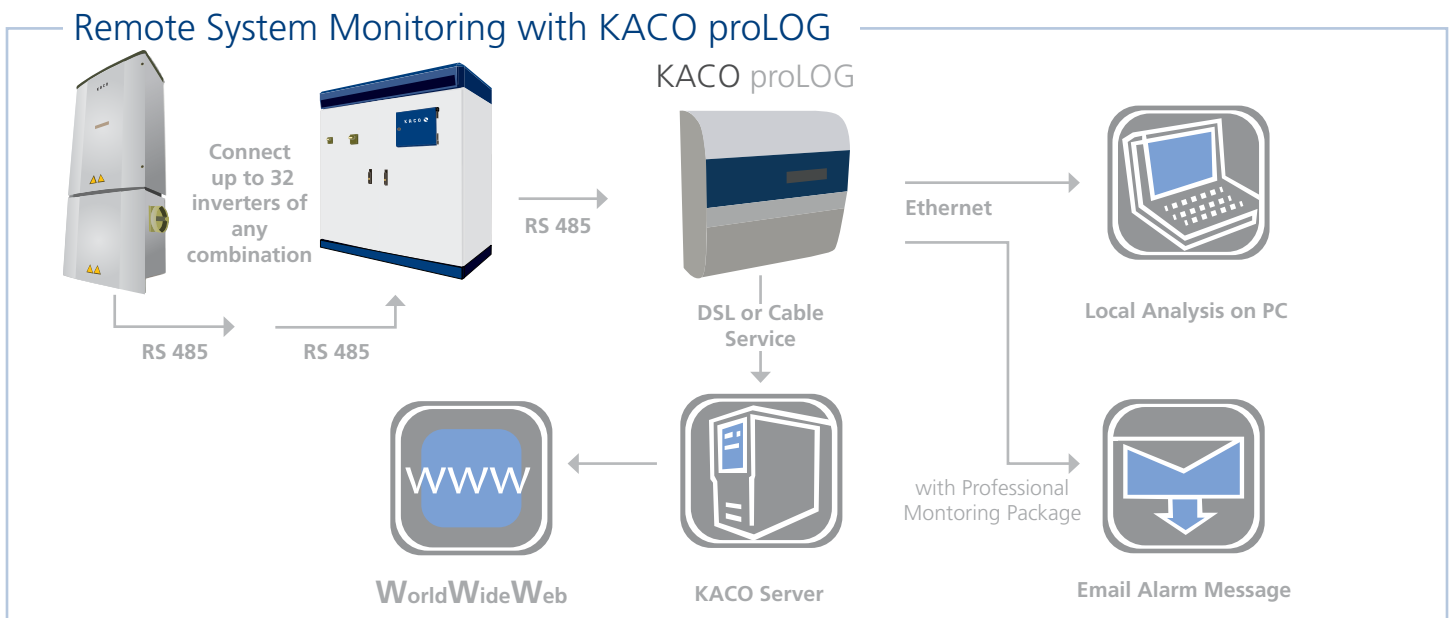
The KACO proLOG monitoring system is designed to allow the plant operator to supervise large photovoltaic installations from a PC. The system will log the currents, voltages, temperatures, performance and yield data of each individual inverter and the data of external sensors.

KACO proLOG automatically returns a message by e-mail in the event of a deviation from the permissible operating status. The alarm criteria can be set individually according to the specific requirements of your PV installation.

Recorded system data can be stored online and made available in a password-protected form via the KACO blueplanet web server.

features

- Local monitoring - direct access from a PC or laptop and download capabilities via integrated Ethernet connection and Compact Flash slot
- Remote monitoring and graphical display of performance data
- Optional energy meter, irradiation sensor, temperature sensor and current sensor can be connected
- Connection of up to 32 KACO inverters per KACO proLOG via RS485 interface
- The KACO proLOG includes 4 LEDs and an LCD display
- Display of all data logged by the inverter includes: generator: power, voltage, current; feed in: voltage, current, and device temperature)



KACO wireLESS

inSIGHT

The KACO inSIGHT RSS feed is the future of PV monitoring. A live RSS feed will continuously feed your real time PV data to a wireless device such as a smartphone or other websites like your facebook page. The KACO inSIGHT RSS feed is the industry leader in wireless PV monitoring technology.

Make it easy to access your most important PV information. We suggest connecting the KACO inSIGHT RSS feed with a digital picture frame to make your PV system the most talked about and viewed possession in your home. KACO offers digital picture frames separately.

sunWATCH

KACO's sunWATCH is a new wireless option to view the KACO inSIGHT RSS feed (sold separately). The KACO inSIGHT will continuously feed real time PV data to the KACO sunWATCH. The graphical display provides an easy to read overview of your PV system production status.

Make it easy to see the most important PV information with other cherished possessions including personal photos.

features

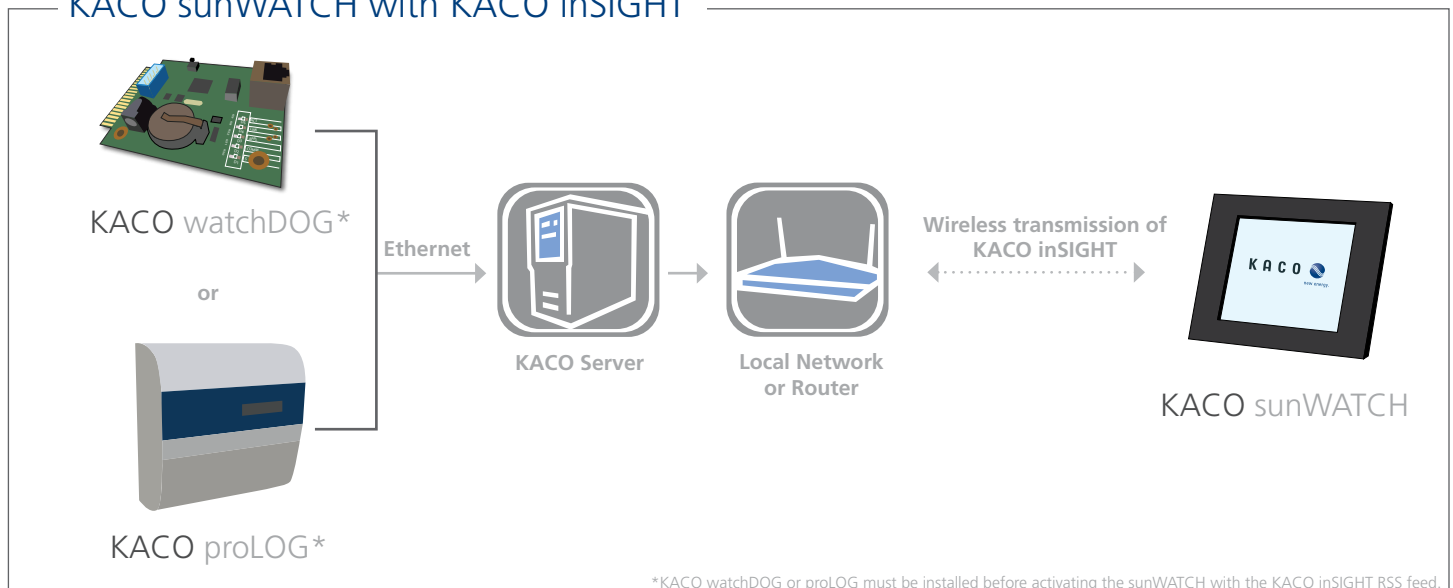
- Affordable and reliable wireless access to monitoring data
- Live access to production data through a Wi-Fi enabled monitoring device
- Watch your PV data from anywhere
- PV data updates every 15 minute



features

- Affordable and reliable wireless access to monitoring data
- 10" LCD screen
- Wi-Fi and ethernet enabled device
- Display personal pictures from SD cards or USB devices
- See PV data from anywhere in the house or office
- Quick and easy setup and activation

KACO sunWATCH with KACO inSIGHT



blueplanet **Web**

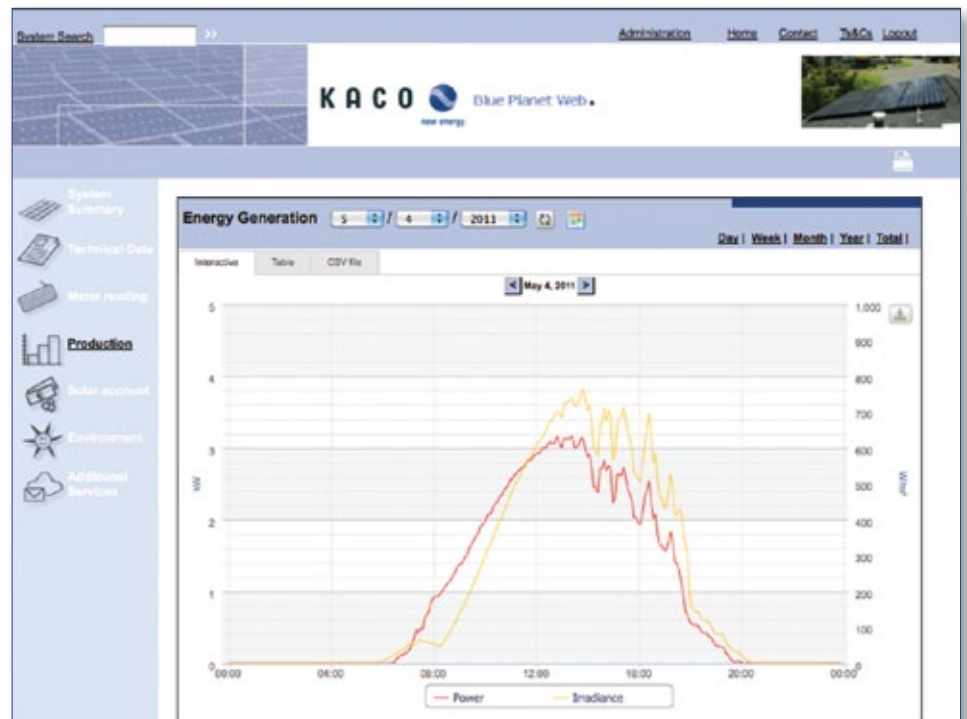
Standard Monitoring

The standard monitoring package will provide basic PV production data via the blueplanet web portal. You will see the kWh produced for the day, the week, the month and the total production of your PV system. All monitoring hardware for system sizes less than or equal to 10kW AC includes standard monitoring for five years with no cost. When the five years has ended you will be sent an email with purchasing instructions on how to continue to receive your service. This is the most affordable option for users that have purchased the KACO blueplanet 02xi series inverter with the KACO watchDOG monitoring card.



features

- Energy output graphs include daily, weekly, monthly and annual production
- Allows for integration of PV production data into company website
- Technical assistance via telephone 9-5 Monday through Friday



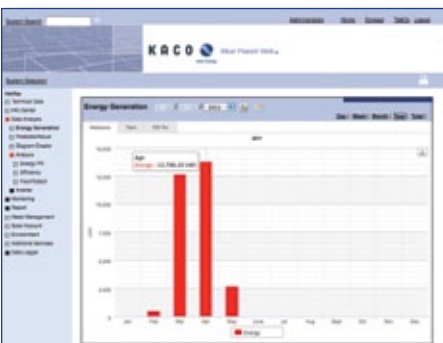
blueplanet Web

Professional Monitoring

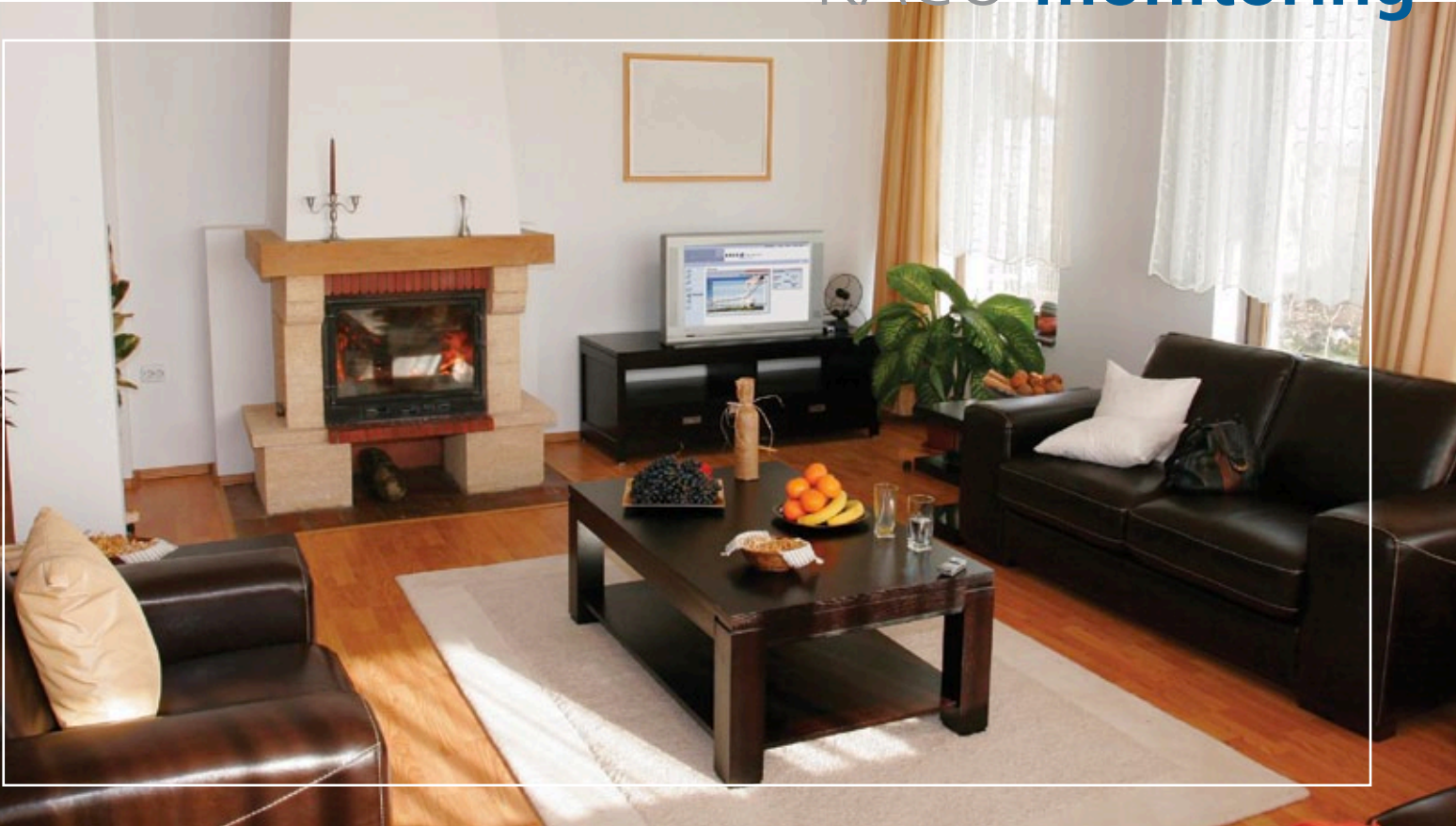
For the user that has more demanding monitoring needs, KACO has created the professional monitoring service. This is a fee based subscription service that is available for all system sizes. This monitoring package offers unrestricted, interactive access to your PV production data: kWh performance by day, week, month and cumulative is provided; environmental CO₂ off-sets are estimated, financial benefits are calculated and displayed in an easy to understand graph, system overview data is displayed; the logo can be added with this service to provide a more personalized experience for installers who use this feature. Also, inverter events (missing data, blackouts, and low power production) are emailed to a dedicated administrator to eliminate extended periods of downtime!

features

- Energy output graphs – daily, weekly, monthly and annual
- Variance analysis graphs
- Data from individual inverters or from the entire system
- Production values can be exported to .csv format
- Allows for integration of PV production data into company website
- Technical assistance via telephone 9-5 Monday through Friday
- Easily configure alarm criteria and receive email alarms



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LET'S YOU get on with living

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