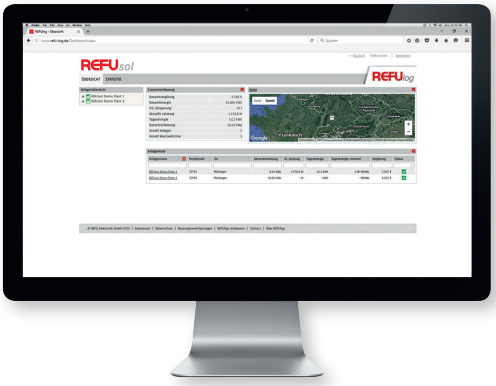
REFUlog

Online monitoring



- Easy installation
- User-friendly analysis
- Secure data logging

It is a reassuring feeling to be able to see, whenever and wherever you are, how the yields of your own PV system are developing. The online monitoring solution REFUlog allows you to keep an eye on the data of your system irrespective of where you are at the present moment in time. Each REFUsol inverter has an integrated data logger and can be connected to a local network or the Internet quickly and easily via plug&play. This allows you to access information about the productivity of your system at any time. By the way: the REFUlog app allows you to access all the data on your smartphone or tablet too.

GENERAL

Data-logger	Already integrated
PV plant installation	Plug&play installation via the use of a standard Ethernet network
Configuration of plants and sub-plants	Simple mounting of the inverters via unambiguous activation code, site data, system-specific data, system photo
Number of inverters	Unlimited
Administration	User and rights administration supported
Languages	EN, DE, IT, FR, ES, CZ, RO, GR, JP, RU, TR, KO, with localized display of number formats, dates, etc.
Data dispatch	Automatic monitoring of functions
Protocol	TCP/IP

PERFORMANCE SPECTRUM

Display of plant and inverter parameters	In clearly laid out lists for easier comparisons
Visualization of current parameter values per plant and per inverter	Simple mounting of the inverters via unambiguous activation code, site data, system-specific data, system photo
Graphic evaluation of the historical data	Day, month, year, and total sum view, display of relevant plant and inverter parameters, combination or various channels in one diagram using a freely configurable statistical view, Excel and PDF export available
Error management	Overview of inverter error messages and error notification by e-mail
Report dispatching	Daily, monthly, or yearly notification of monitored data by e-mail
Firmware-Update	For single inverters or the whole plant
Automatic monitoring	Ideal AC output*, statistical energy prognosis, daily energy fluctuation, current output
Statistical data tables	Energy, normalized energy, yield, and CO_2 savings for system, sub-system and inverter values, display of performance ratio*
File storage	Up to 50 MB per system
Big screen application	For the presentation of CO_2 savings, daily, monthly, yearly, and total yields
Data interface	For requesting operational data via REST interface (XML format)

* available with temperature and irradiation sensor SIS-13TC-T

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