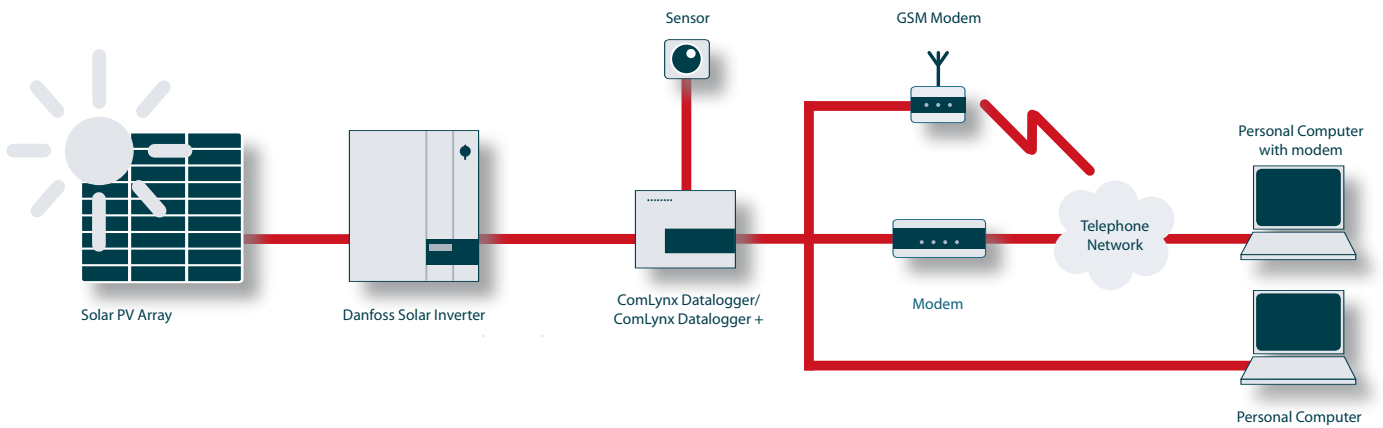




# ComLynx Datalogger





### ComLynx Datalogger

The datalogger is suitable for use in PV plants with up to twenty inverters.

It collects and transmits data from long-distance inverters to PCs and is suited to Danfoss Solar Inverters indoor and outdoor inverter range.

The datalogger can be directly connected to a PC and is supplied with a software program offering the feature to view and log the plant's power generation and historic data on screen.

The Windows™ based software program has a user-friendly interface that lets you view the key parameters of your plant in graphic form.

The datalogger also connects to a modem, allowing you to view the data from anywhere in the world.

Transmission range is up to 1 km and the maximum distance between the datalogger and the PC is 12 meters.

### Features ComLynx Datalogger

- Standard RJ45 patch cable cat. 5E
- Suitable for large PV plants with up to 20 inverters

- Measurement data storage
- Graphical evaluation
- Aluminium housing IP 21
- RS485 interface for the connection of inverters
- RS232 interface (Sub-D9) for PC connection, modem (ISDN or PSTN) or GSM (mobile net)
- RS485 (2) interface for daisy-chain
- External power pack 9-30 V
- Compact Flash® adapter type 1, accessible from the outside, with memory card expandable to 2 GB
- EMC approved according to DIN, CE

### ComLynx Datalogger +

In addition to all the standard features in the ComLynx Datalogger, the cabled ComLynx Datalogger + includes three analogue inputs that can be connected to external sensors to measure air temperature, panel temperature and radiation and one digital input for kWh (S0 interface to power meter).

### Features ComLynx Datalogger +

- Standard RJ45 patch cable cat. 5E
- Suitable for large PV plants with up to 20 inverters
- Measurement data storage
- Graphical evaluation
- Aluminium housing IP 21
- RS485 interface for the connection of inverters
- RS232 interface (Sub-D9) for PC connection, modem (ISDN or PSTN) or GSM (mobile net)
- RS485 (2) interface for daisy-chain
- Interface for radiation sensor (0...150 mA)
- Interface for outside temperature sensor PT 1000 (-40°C-160°C)
- Interface for module temperature sensor PT 1000 (-40°C-160°C)
- Digital input for power metering via S0 interface, optically disconnected, adjustable to 10,000 impulses
- External power pack 9-30 V
- Compact Flash® adapter type 1, accessible from the outside, with memory card expandable to 2 GB
- EMC approved according to DIN, CE

### General specifications

Parameter	Specification
Input voltage (adapter)	12-30 V DC
Enclosing rating	IP 21
Min. operating temperature	-10°C
Max. operating temperature	+50°C

Parameter	ComLynx Datalogger	ComLynx Datalogger +
Number of inverters	20	20
Communication system	RS485	RS485
Communication range	Up to 1000m	Up to 1000m
Cables and connectors	Standard RJ45 patch cable cat. 5E	Standard RJ45 patch cable cat. 5E
Data capacity	500 days	500 days
User interface	Modem/Direct	Modem/Direct
Pt1000 input (-40°C-160°C)	0	2
Analogue input (0-150 mV)	0	1
Digital input (S0)	0	1

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