

Everplan

Our software for photovoltaic system design allows users to choose the appropriate solar modules and inverters according to their needs. It provides annual solar irradiation data for most areas in the world to be considered in the design plan and to calculate the annual power generation capacity of the chosen design plan in any specific geographical location.



Features

- New module data can be added
- Solar irradiation information of main countries and cities in the world can be found
- Detailed information of Zeyversolar inverters
- Electronic matching of modules
- Predict power generation and print into report
- Provide line loss computation
- Rich module database
- Intuitive operation
- Use IE, Chrome, Opera, Firefox and Safari browsers
- No additional software need to be installed

Solarcloud

Solarcloud is a tool created for monitoring photovoltaic systems from any browser and smart phone without territory restrictions. It shows the actual inverter power information and records special events and sends reports by email.



Features

- Remote monitoring without territorial restriction
- Support for iPhone, iPad and Android phones
- Display of power information with simple number and graphic chart
- Record event
- Event and yield report by email
- Multi-user and flexible user authorisation
- Browse on website in Windows, Linux and MacOS system, etc.
- Use IE, Chrome, Opera, Firefox and Safari browsers
- No additional software need to be installed

Power Monitoring Unit

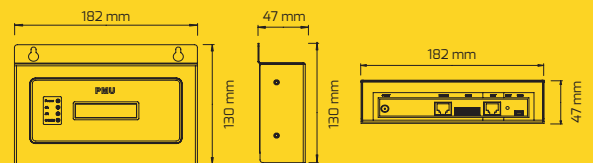
The Power Monitoring Unit takes charge of collecting the inverter's data and events in the photovoltaic system and uploads the information to solarcloud. Users are able to understand the working status of the inverter and power plant at any time without geographical restrictions.



Features

- Communication with up to 30 inverters
- Remote monitoring of PV plant and inverter
- Complete inverter data collection
- Upload data to cloud server
- Easy to use. It can be used without configuration
- Up to 1000 m reliable communication
- Support power control required by BDEW and EEG
- Support remote firmware upgrading

Technical data



Technical data	PMU
Electronic data	
Power supply	DC, 7.5 V / 1 A
Max. Power consumption	3 W
Communication	
Communicate with inverter	4-wires full duplex RS485
Communicate with router	Ethernet
The number of direct connecting inverters	Max. 30
The number of connecting PMU	Max. 10
Interface	
Power management	4 digital input ports (for Radio ripple control receiver)
Ethernet	10/100 M bits, RJ45 (for Router)
RS485	4-wires full duplex
USB	Mini USB-B
Max. communication range	
RS485	1000 m
Ethernet	100 m
Power manager	3 m
Mechanical data	
Dimensions (W x H x D) [mm]	182 x 47 x 130
Weight	870 g
Installation	Wall, Indoors
Environmental conditions	
Operation	0°C to +50°C
Storage and shipment	-20°C to +60°C
Relative air humidity	5% to 90%, no condensation
Protection class	IP20