




# ECOGUARD

The monitoring and analysis system  
for photovoltaic plants.



# ECOGUARD

There are no more limits to deep inspections of the PV plant.

 **ECOGUARD** is the universal solution for monitoring photovoltaic plants.

Based on an open system, **ECOGUARD** allows you to connect to all the other devices in the perimeter of the power plant: for example, inverters, string boxes, weather stations, second level boxes, and many other to collect all the energetic data. Information is elaborated and visualized through graphics, charts and alarm signals. They are then available on the site or through web portal. What makes **ECOGUARD** the ideal choice for plants constructor is the possibility to manage many power plants at the same time and to be independent from the inverter brand.



## TECHNICAL FEATURES

- Monitoring of inverters, string boxes, meters, weather stations and other devices.
- Possibility to manage many power plants at the same time.
- Data access available on the spot or through web portal.
- Alarm notification via text-message or email.
- Operations Center Mode.

## COMPATIBLE WITH



and many other.



## The heart of ECOGUARD is ECO/HOST

The apparatus which ensures the communication with inverters, string boxes, weather stations and all the other devices in the perimeter of the power plants.

### ECO/HOST FEATURES

- SSD disk to memorize data locally.
- 2 or 3 opto-isolated and multi-protocol RS485 ports.
- LCD Micro-display.
- Set up with browser available.
- Data synchronization through EcoGuard/Server or through web portal [www.ecoguard.it](http://www.ecoguard.it).
- Data synchronization with local computers through LAN.
- 4 inputs (digital, pulse and analogics).
- 2 Relais output for alarm status.



## ECOGUARD IS AVAILABLE IN 3 VERSIONS

TECHNICAL SPECIFICATIONS	LOCAL	WEB	SERVER
NUMBER OF PLANTS FOR LICENSE	1	1	UNLIMITED
NUMBER OF USERS FOR LICENSE	1	2	UNLIMITED
WEB PORTAL	NO	YES	SI
ANNUAL FEE	NO	YES	NO
SMS ALARM NOTIFICATION	NO	YES	YES
E-MAIL ALARM NOTIFICATION	NO	YES	YES
HISTORIC ARCHIVE	(LIMITATIONS)	YES	YES
REAL TIME DATA	YES	YES	YES
SERVER DISLOCATION	HOST/PC	CEB	CUSTOMER
CUSTOMIZATION AVAILABLE	NO	(LIMITATIONS)	YES
USER SUPERVISOR	NO	YES	YES
OPERATIONS CENTER MODE	NO	(LIMITATIONS)	YES



# www.ecoguard.it

Visit our website and subscribe the newsletter to keep yourself up-to-date about news and product innovations.

## DISCOVER THE OTHER PRODUCTS OF OUR LINE



**ECOSTRING**



Junction box for photovoltaic strings.



**ECOSTRING**  
*embedded*



Multiple-sensor for current and voltage. Ideal for electrical boxes and Power Plants renovations.



**ECOFIBER**



Antitheft plastic fiber optic sensor for solar boxes.

CEB reserves the right to make changes without notice.



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partner of

