

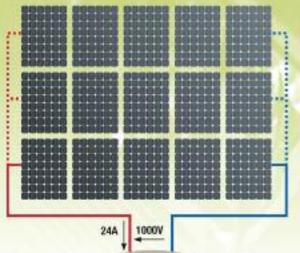
CONTROL DEVICE FOR PHOTOVOLTAIC MODULES AND SYSTEMS

Increase the quality of your installations and avoid production losses with the soul ANETRE®

## New

THE ESSENTIAL TOOL FOR THE INSTALLATION, CONTROL AND MAINTENANCE OF PHOTOVOLTAIC SYSTEMS

- Check the hardware and design during the installation.
- Quickly detect and locate malfunctions.



- Up to ± 5% accuracy
- References calibrated by ESTI ((European Solar Test Installation)
- Patented system



#### Sensor box

Irradiation and temperature measurements transmitted to the main box by radio link.

Measurements are taken on one or more modules in series and/or paralle.

#### Main box

Measurement of the module current/voltage characteristics.

Intuitive, handheld, with displays, saves and exports measures and characteristics (STC).



Instantaneous measurements



Immediate STC conversion



Malfunction detection

# Range of use

Kind of module

Monocrystalline and polycrystalline

Please, contact us for any other technology

Measuring and Vizualisation, save and reload : calculated values Isc, Voc, Pmpp, Vmpp, fill factor

Isc, Voc, Pmpp, Vmpp, fill factor, serial resistance, immediate STC correction of measurements, U-I and U-P curves, maximum voltage

and current, voltage drop

Use temperature -15 to 65°C (5 to 149°F)

Irradiation From 400W/m² (cloudy weather)

Languages French, English, German (not exhaustive list)

### **Electric characteristics**

	Main box	Sensor box
Measurable instantaneous	Maximum phase of 6kW	- 1000000000000000000000000000000000000
power	(2000 pts par shoot)	
Current	0 to 24 A (±0,1%)	-
Voltage	1000 Vcc (±0,1%)	-
Irradiation	-	0 to 1300W/m2 (±4%)
Temperature	-	-15 to +65°C (±0,5°C)

#### **Mechanical characteristics**

Main box Sensor box

Dimensions / weight 210mm x 105mm x 41mm / 510 g 160mm x 82mm x 41mm / 310 g

Total weight with case Approximately 4.5 kg

Screen LCD color screen 3.5" -

Com. between boxes 433 MHz radio (400m on open field)

Run-time 13h in used / 35h in sleep mode 25h

Supplied accessories



■ 2 Go SD card

■ Cables with MC3 and MC4 connectors (others upon request)

Universal sensor box mounting

■ Cables with MC3, MC4 and SUNCLIX connectors (others upon request)

User instructions

■ Report model (PC or Mac)

### **Standards and warranty**

Standards ■ In compliance with IEC 60891 and 61010

■ CE mark

Warranty 12 months

## **Additional services upon request**

■ Training of your teams

■ Calibration with provision of a report

■ Spare parts

■ Made in France

**SOLIA Concept** 

ZA de Troyalac'h Sud 1 rue Louis Blériot 29170 SAINT-EVARZEC FRANCE Tél. 02 98 90 88 00 Fax 02 98 90 31 73 contact@solia-concept.fr