

LI-12

Solar power gain meter and information display

Rain or shine, the LI-12 shows exactly how many Watts your Solar Power system is generating. The LI-12 also measures how much kWh electrical energy has been delivered in total by your system. This tells you how much you have saved on your energy bill. Furthermore you can read from the display how much CO₂ gas emission was avoided due to the energy production of your solar cells.

With the pushbutton you can select what you want to be displayed: Watts, kWh's or kgs CO₂. You can also have all three values displayed in a fixed sequence.

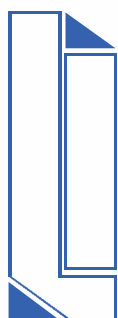
The LI-12 consists of a measuring unit and a display. The measuring unit is plugged in at the mains outlet where the solar system is connected. The measuring unit transmits the measured values to the display unit. No wires, simple and safe to install!

The display is battery powered and can be placed anywhere in the house.

Tells you exactly how much energy your solar cells are producing!



Shown at actual size.



Leiderdorp Instruments

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Technical data:

- displayed values:	xxxx Watt x.xxx...xxxx kWh x.xxx...xxxx kg
- dimensions of display unit:	approx. 80 x 125 x 35 mm (wxhxd)
- colour of display unit:	off-white and brown
- power supply display unit:	3 penlight batteries (not included)
- life time of batteries:	> 1 year
- functions of display:	show Watt (momentary value) show kWh (total) show avoided greenhouse gas emission in kg (total) show Watt, kWh and kg greenhouse gas in a fixed sequence
- conversion factor kWh to kg CO ₂ :	1 kWh = 0,566 kg CO ₂
- maximum load measuring unit:	10 A
- mains voltage:	240VAC +10/-15%
- measurement error:	+/- 2% +/- 8 Watt
- power consumption:	< 2 Watt
- indicator measuring unit:	LED indicates data communication
- measuring range:	0...2400 Watt
- dimensions measuring unit:	approx. 70 x 110 x 60 mm (wxdxh)
- colour measuring unit:	zwart
- power down behaviour:	energy total (kWh) is retained
- range of transmitter/receiver:	depending on circumstances approx. 50 m. max.
- temperature range operating:	-10...+40 °C
- temperature range storage:	-20...+60 °C

Ordering information:

Description: Display, measuring unit and manual	Order number: LI-12
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Options and accessories: PC interface	LI-12-USB
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This is an interface for the PC USB bus.
With the software and hardware that is supplied it is possible to view the measured values on the PC screen. Some basic logging functions are available.



The LI-12 complies with all relevant regulations for use in the EEC.
Leiderdorp Instruments reserve the right to change the specification without prior notice.



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