

# SOLARTODAY

LEADING THE RENEWABLE ENERGY REVOLUTION

September/October 2011 [solartoday.org](http://solartoday.org)

## BIG IDEAS IN SOLAR

Innovators who are changing  
the game for renewable energy



Perez and Hoff on Solar  
Resource Variability Myths *page 48*

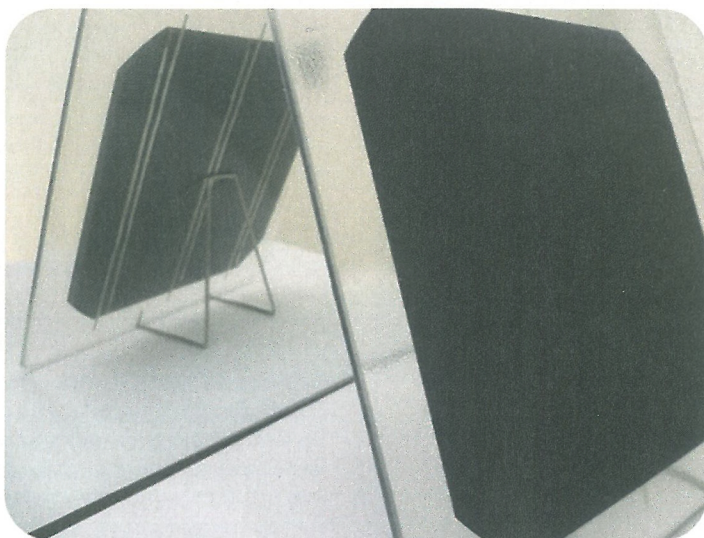
Near-Net-Zero in  
Northern Minnesota *page 68*

Solar Power International  
New Products Preview *page 72*

American Solar Energy Society 4760 WALNUT ST SUITE 106 BOULDER CO 80301

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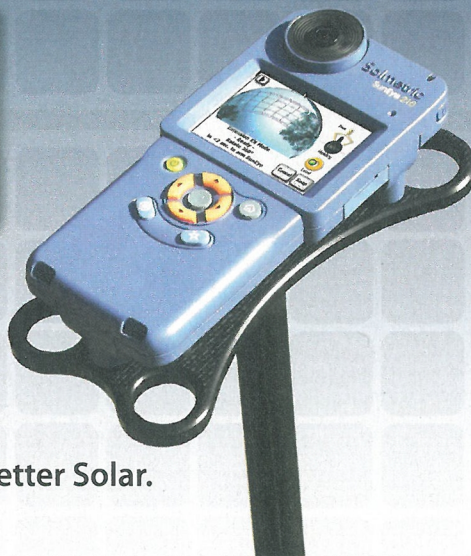
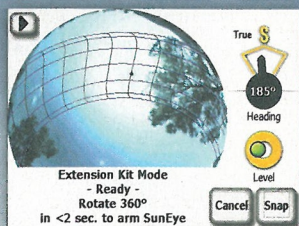


#### Silfab, Konstanz Debut Low-Cost Back-Contact Cell

The new Zebra back-contact monocrystalline solar cell, with no metal on the sun-facing side, has demonstrated efficiency of 19 percent, with potential to reach 22 percent. Production of modules, with peak power exceeding 290 W, is planned for 2012. The modules will carry Silfab's 40-year limited warranty. [silfab.eu/eng/](http://silfab.eu/eng/)

## Take your shade analysis to new heights.

Be safe and save time during site evaluations. With the SunEye Extension Kit from Solmetric, you'll still get accurate shade measurements up to 18 feet from ground level.



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Expert Tools. Better Solar.  
[www.solmetric.com](http://www.solmetric.com)

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Solar Appliances Manufacturer

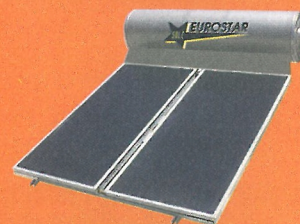


Quality Solar Systems

- 37 years experience in the sector
- Professional customer service
- High quality products
- OEM production



FLAT PLATE SOLAR THERMAL COLLECTORS



THERMOSIPHON SOLAR WATER SYSTEMS



FLOOR STANDING BOILERS



SOLAR AIR COLLECTORS

ISO 9001:2008



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