

PUT TO THE TEST

REAL LIFE, REAL RESULTS

REC solar modules shine in real life conditions with a strong second place finish in Photon's field performance test

In the real world, dust, clouds, rain, heat, sleet and snow all affect solar module performance. Designed for maximum power output and optimized for all weather conditions, REC modules finished second in Photon's full-year test, with first place positions for five individual months.

- Best in test for five out of twelve months
- Second highest overall
- 6% more power produced than test average



MORE
POWER
PER M²



ROBUST
AND
DURABLE
DESIGN



ENERGY
PAYBACK
TIME OF
ONE YEAR



25-YEAR
POWER
OUTPUT
GUARANTEE



OPTIMIZED
FOR ALL
SUNLIGHT
CONDITIONS



EASY
TO
INSTALL

ABOUT THE TEST

The test conducted by the independent laboratory of the leading industry magazine Photon, is currently the most recognized yield performance test comparing international module brands over several years.

Since 2005, Photon Lab has operated an ongoing test that monitors the energy yield of solar modules from leading manufacturers. This test compares the energy produced per kilowatt of installed power of the participating modules, under identical conditions. The 2010 test compared three modules each from 30 module manufacturers over a 12-month period from January to December 2010.



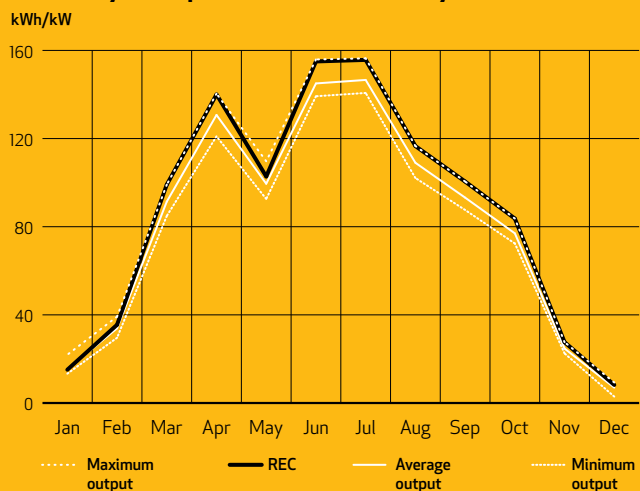
Installation of Photon Lab's outdoor module test. Photo: photon-pictures.com

The tests are carried out at a facility in Aachen, Germany, where they are mounted outdoors well above ground for good rear ventilation, facing south, and free of shadowing. Photon's custom testing setup records the current-voltage (IV) curve at the module's output eliminating the possibility of false inverter adjustments. The test module's yield is fed into the grid via an inverter allowing the modules to operate under real-world conditions. Solar irradiation is recorded along with weather context data such as ambient temperature, wind speed, precipitation and barometric pressure. All the test data is collected in one second intervals and stored in synchronized databases that allow for precise correlation.

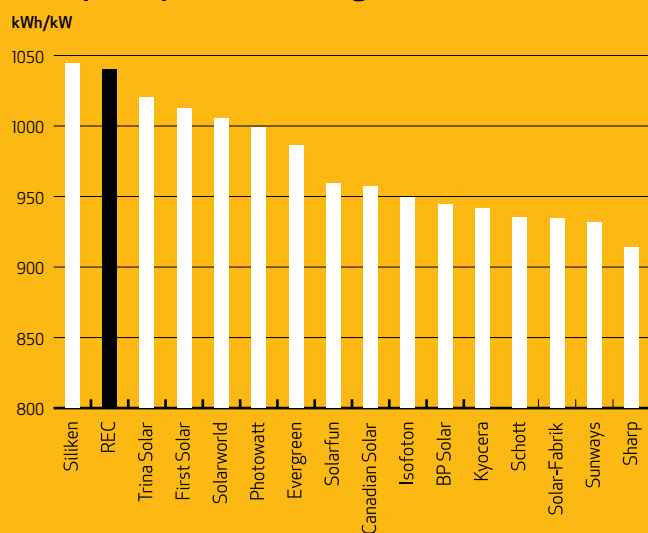
TEST RESULTS

REC's modules finished second overall in Photon's 2010 12-month field test of 30 other leading module brands. The energy yield of REC modules was 6.1% higher than the group average and 13.7% higher than the worst performing module. REC modules recorded the top performance in the group during five individual months.

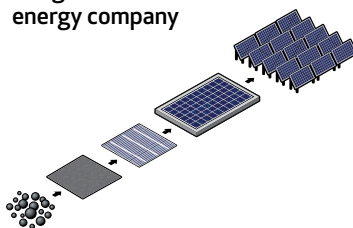
Monthly comparison of module yield



Yearly comparison leading brands



The world's most integrated solar energy company



About REC

REC is a leading vertically integrated player in the solar energy industry. REC is among the world's largest producers of polysilicon and wafers for solar applications, and a rapidly growing manufacturer of solar cells and modules. REC is also engaged in project development activities in selected PV segments. Founded in Norway, REC is an international solar company, employing more than 4,200 people worldwide. REC had revenues close to EURO 1,750 million in 2010.