

Aiming at simplicity

Latitude Solar AB is a Scandinavian manufacturer of crystalline photovoltaic modules for MW grid systems as well as for building integration. “Aiming at simplicity” is an all-encompassing philosophy and the backbone in everything Latitude Solar AB does. The mission: to offer crystalline solar modules at consistent high quality, in large volumes and at fair prices, reliable and just in time fulfilling all obligations towards its partners, up-stream and down-stream. A quality assurance system is implicit in all functions throughout the company.

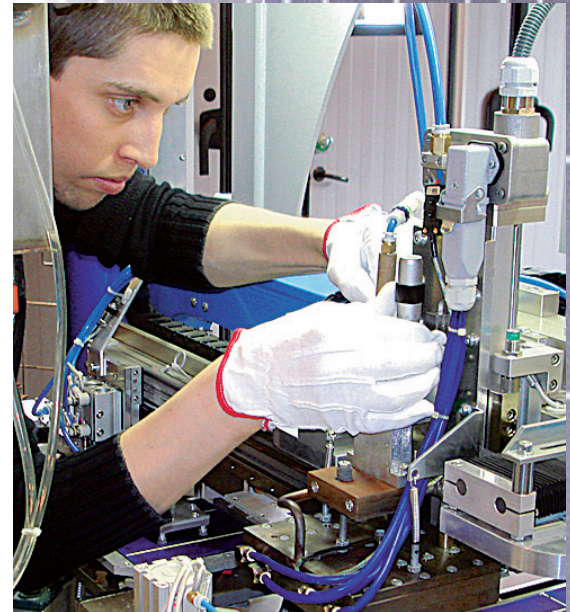
In order to provide its customers with top quality and high performance PV modules, the Scandinavian manufacturer uses only premium quality raw materials, and all sub-suppliers are world-leading in their field. Latitude Solar offers a full range of “Latitude P6-60” modules, with wattages 225 Wp, 230 Wp, 235 Wp, 240 Wp, 245 Wp and 250 Wp. Module classification (sorting) is entirely positive (-0 Wp / +4.99 Wp).

The high energy yield is achieved by three unique features: Firstly, the prismatic surface of the cover glass improves the energy yield, when compared to the ener-



LATITUDE **SOLAR**

gy yield from similar solar modules using other types of anti-reflective PV glass. Secondly, a special sorting of the solar cells makes Latitude Solar modules perform considerably better in “weak light”, compared to modules made of cells that are sorted according to standard sorting criteria. Hence, due to better performance when the solar irradiation is less than $1,000 \text{ W/m}^2$ (STC), Latitude Solar modules produce 3-4 % more energy per year. Thirdly, the ohmic resistance in the cell strings and circuitry inside the Latitude Solar module is reduced to an absolute minimum on each solar cell. The combined effect of above special features of Latitude Solar modules is often seen to provide a performance increase of at least 6 to 8 % superior to more “standard type” solar modules.



LATITUDE SOLAR Italia
 Francesco Nastasi
 Phone: +39/340/349 0149
 Email: fna@latitudesolar.com
www.latitudesolar.com