

SUN & WIND ENERGY

Includes
52 pages

Special
Edition
Greece



PHOTOVOLTAICS

Organic PV:
on the final straight

SOLAR THERMAL

Storage tanks:
focussing on quality

WIND ENERGY

Manufacturers
and their market shares

CSP IN THE UNITED STATES

Back at full strength!

Solar street lights: design and functionality

With "PV.LED" the Italian company VP SOLAR is presenting a new product line of solar street lights. The new series combines attractive design and functionality.

To achieve this, VP SOLAR worked with the design company Zava Luce.

The main function of the PV.LEDs is lighting with full energy autonomy. This enables maximum versatility in positioning the appliances and saves costs for installation and on the electric bill.

Besides LEDs and solar panels, solar batteries and a programmable electronic control assure the maximum energy efficiency.

There is a range of features that can be implemented in PV.LED objects, for example advertising or information displays, or the use of the grid as an auxiliary power source in low sunlight areas.

The series comprises four types of lighting systems that differ in terms of size and the number of the LEDs and are suitable for different applications. The model "Giro", for example, allows the module to be orientated towards the sun.

Further information:

VP SOLAR srl, Via Feltrina 3, 31035 Crocetta del Montello (TV), Italy, phone: +39 0423 6326, fax: +39 0423 632709, info@vpsolar.com, www.vpsolar.com



Solar street light Giro

Photo: VP Solar



How to choose the right solar street light for your application

The first step in choosing the right solar street light is to determine the application. Different applications require different lighting systems. For example, a street light for a residential area should be different from a street light for a commercial area.

The second step is to determine the power requirements. This will depend on the number of LEDs and the size of the solar panel. The power requirements will also depend on the application.

The third step is to determine the design requirements. This will depend on the application and the aesthetic requirements. The design requirements will also depend on the power requirements.

The fourth step is to determine the budget. This will depend on the power requirements and the design requirements. The budget will also depend on the application.

The fifth step is to determine the installation requirements. This will depend on the power requirements and the design requirements. The installation requirements will also depend on the application.

The sixth step is to determine the maintenance requirements. This will depend on the power requirements and the design requirements. The maintenance requirements will also depend on the application.

The seventh step is to determine the warranty requirements. This will depend on the power requirements and the design requirements. The warranty requirements will also depend on the application.

The eighth step is to determine the support requirements. This will depend on the power requirements and the design requirements. The support requirements will also depend on the application.

The ninth step is to determine the delivery requirements. This will depend on the power requirements and the design requirements. The delivery requirements will also depend on the application.

