focus solar

Photovoltaic Yield**Predictor**

Energy Yield Assessment for Photovoltaic Systems

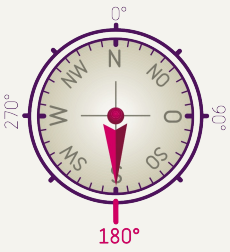
01 Your site location

Sample Solar System

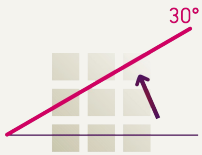
Sunset Boulevard, 12345 Solar City

02 Your mounting angles

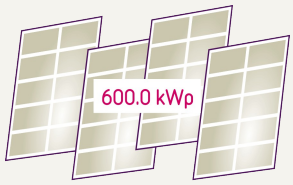
Orientation:
180°



Tilt:
30°



Installed PV Module Capacity:
600.0 kWp



03 Yield for your mounting configuration

Annual Summary

Annual Solar Radiation [1]
1,927 kWh / m²

Predicted system output [2]
925,000 kWh / year

Interannual variability due to weather influence [3]
4%

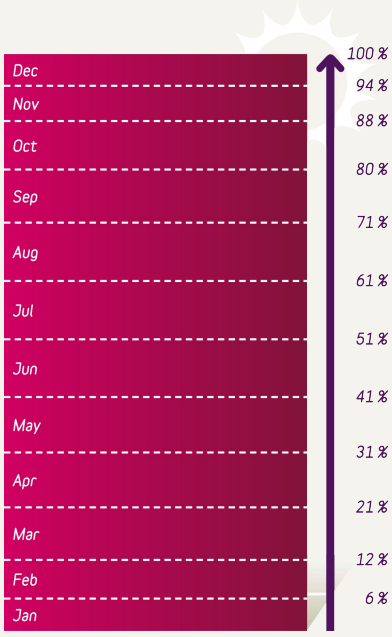
Explanations

[1] *applies to a typical meteorological year. Radiation in the plane of PV modules. The result was obtained by a detailed analysis of more than 100 thousand satellite images. Cloud patterns recorded in the satellite imagery were translated into solar radiation.*

[2] *based on typical system performance, Performance Ratio = 80%, without shading effects*

[3] *annual fluctuations of this level are caused by weather variability. In a single year, the solar radiation level can differ from the long-term average.*

Monthly Summary



*The Yield**Predictor** is based on global solar radiation data derived from the US geostationary weather satellite **GOES-West** (time period 2005-2009, spatial resolution approx. 1 km). For further information please visit the »Know-how« page at **http://www.focussolar.de**.*

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Logo Placeholder