

AMBILIGHT

The innovative east-west oriented mounting system for photovoltaic systems on flat roofs

For frameless modules

For framed modules

ADVANTAGES

- › Inexpensive
- › Minimal space between the modules, resulting in optimum use of the roof area
- › Little or no ballast required
- › Lightweight
- › Rain is allowed to run off the roof unobstructed
- › Almost complete protection of the roof's external skin from weathering
- › Minimal installation effort
- › Penetration-free installation for flat roofs and membrane-covered roofs
- › Conventional installation on metal roofs
- › Partly pre-assembled brackets can be screwed on from above (*top-to-bottom-mounting*)
- › For frameless and framed modules
- › Wind tunnel tested and certified by the Institute for Industry Aerodynamics
- › Installation height less than 30cm^{*}
- › Awarded the innovation label by the Bavarian Ministry for Technology
- › Protected utility model
- › Patent pending
- › Complete project planning and management service available

CONTACT

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MORE MODULES!

AmbiLight is the east-west oriented mounting system for framed and frameless photovoltaic modules. **Up to 10% more modules can be installed compared with other east-west systems and up to 150% more in comparison with south-facing stand systems.** This means better performance at lower costs and therefore a higher return on investment for your system. AmbiLight is lightweight, requires little or no ballast and is quick and easy to install. Other benefits include the positions of the brackets on the modules, which correspond to most module manufacturers' specifications, so that warranty conditions can often be met without requiring a special release.



Installing AmbiLight K

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MORE YIELD!

Comparing an east-west oriented installation with a south and a south-west facing stand configuration. Sample calculation for a flat roof located in Unterschleißheim, Germany.

Orientation	30° S/W stand-mounted	30° S stand-mounted	10° E/W AmbiLight
Area	1.000 m ²	1.000 m ²	1.000 m ²
No. of modules	241 units	241 units	482 units
Output	59 kWp	59 kWp	118 kWp
Specific yield	939 kWh/kWp a	998 kWh/kWp a	856 kWh/kWp a
Total annual yield	55.401 kWh/a	58.882 kWh/a	101.008 kWh/a
Annual yield/m ²	55 kWh/m ² a	59 kWh/m ² a	101 kWh/m ² a



Roof view with side panels

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ABOUT AmbiVolt

AmbiVolt is the photovoltaic specialist for flat roofs and membrane-covered roofs. Thanks to its many years of experience in installing photovoltaic systems on large roofs on industrial buildings, AmbiVolt can guarantee the optimum utilization of your roof surface for maximum return on investment. The company has developed AmbiLight to make maximum use of the available area at minimum cost and installation effort. The lower module prices and enhanced value of the roof area make AmbiLight even more important.

AMBILIGHT FOR YOUR PROJECT

Get more out of your project with AmbiLight. We offer you cooperative partnership and reliable workmanship to the highest technical standards. On request we can provide complete project management for the installation of the system.

TO FIND OUT MORE

Inquiries should be directed to our sales organization, phone **+49 89 / 1592 7805** or e-mail **bp@ambivolt.com**. Mr. Bernard Peterander will be happy to offer you practical and theoretical advice. For more information about AmbiLight and AmbiVolt, please visit our website **www.ambivolt.com**