

PV - Mounting Systems

Make the most of our experience in construction.



oberhauser

Bau » Systeme

www.oberhauser-pv.de



Make the most of 60 years experience in construction

About us >>

Who we are

Our company's history goes back to the 1950s when the Oberhauser glazing company was founded by Hermann Oberhauser Senior.

We have been developing, producing and installing customised solutions from aluminium components for over 30 years.

In 2006 we became involved in the photovoltaic sector, first with trade then with the production of photovoltaic-mounting-systems.

The company is owner-operated by Andreas Oberhauser (Dipl.-Ing, FH).

We continue to uphold our traditions as a family-run company that values authenticity and quality work.



The Fifties



Hermann Oberhauser Junior with "Kraxn"

The Eighties



Work on the construction site

Today



Stand at the Intersolar

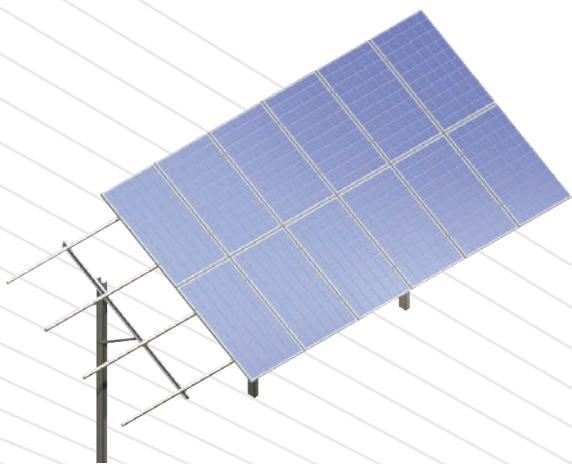


Steel open land system ISYS >>

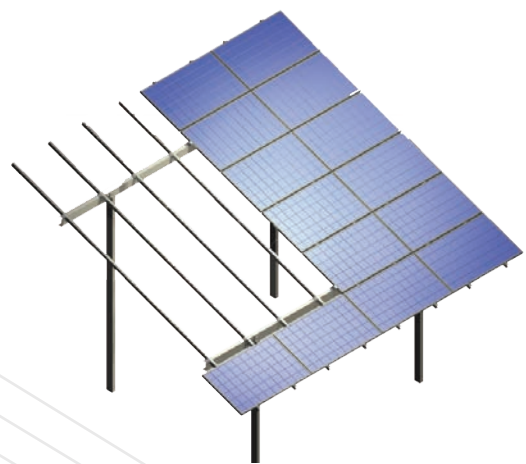
The ISYS steel frame ensures a timely input-output ratio of your solar park.

Plus points:

- » **Optimised statics** with perfectly customised steel qualities and steel dimensions
- » **Many possible variations** (based on wind and snow load)
- » **Completely economical** thanks to perfectly coordinated system components
- » **Assembly made easy** based on the experience of numerous building projects
- » **Suitable for all panel types** (framed and unframed)
- » **10 year warranty** through resistant materials and special galvanisation



ISYS 1.1

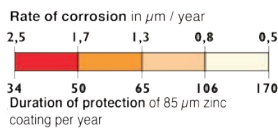


ISYS 2.1



Description / technical data:

Specifications



Source: www.feuerverzinken.com

- » High value steels (S320GD - S350GD)
- » Galvanisation in special procedures (strip galvanising)
Higher zinc adhesion than hot galvanisation (during drop test and ball impact test)
Zinc quality Z600MA \triangleq 600 g/m² \triangleq average zinc coating layer approx. 80 μm in accordance with DIN EN 10327 (on customer request, thicker zinc coating also possible)
- » Partial HV screw connections (high-strength)
- » Connection parts made from hot galvanised steel or stainless steel
- » Panel fastening with and without clamps possible
- » Panels landscape: Table length up to 7m, up to 6 panels one above the other / Panels portrait: Table length up to 8.2 m, 2 panels one above the other
- » Inclination of 10 - 30°

Standardisation

(Table size is based on the load conditions in the sample table)

| Characteristic value of snow load on the ground in kN/m ² | Wind zones / basic velocity pressures in accordance with DIN EN 1991-1-4/NA | | |
|--|---|---------------------------------|-----------------------------------|
| | WZ I (D) \triangleq 22,5 m/s | WZ I (D) \triangleq 25 m/s | WZ I (D) \triangleq 27.5 m/s |
| sk = 0.65 | T6425 | T6425 | T5425 |
| sk = 0.85 | T6425 | T6425 | T5425 |
| sk = 1.05 | T6425 | T6425 | T5425 |
| sk = 1.25 | T6425 | T5425 | T4425 |
| sk = 1.45 | T5425 | T5425 | T4425 |
| sk = 1.65 | T5425 | T4425 | T4425 |
| sk = 1.85 | T5425 | T4425 | T4425 |

Keys: T6425 = Table 6 x 4 panels, 25° (e.g. ISYS 2.1)

Geological surveys Static

- » Location-based geological surveys
- » Individual system statics on the basis of location-based loads (wind and snow)
- » Statics calculation in accordance with Theory II. Order
- » Load assumptions in accordance with DIN 1055 / Euro code 1, DIN 4113, DIN 18800, Euro code 9 or client specific standards
- » FEM calculations for certification of the construction

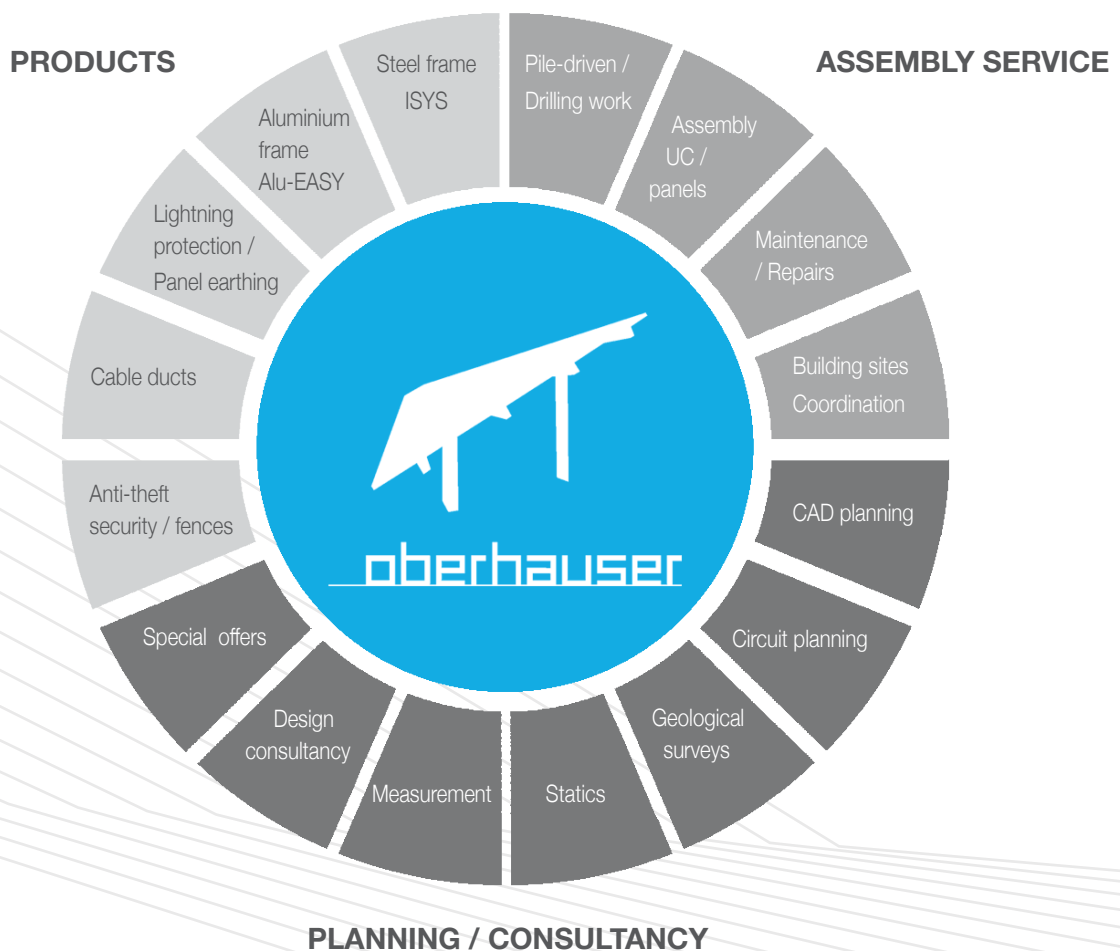


Full service package or individual services possible

Range of services >>

The core competencies of our modern company are in the development and production of fastening systems and the completion of photovoltaic projects. We offer:

- >> Intelligent, robust and economical installation systems with short construction time in steel or aluminium materials
- >> The smooth development of your building projects, from initial consultation, efficient planning to building and maintenance



References >>

Examples of our worldwide projects

Thus far, Oberhauser open land assembly frames are producing outputs in the three digit megawatt range. Additional references or testimonials available upon request.

12 MW
Barger-Compascuum Solar Park
The Netherlands
2018



2 MW
Nieuweroord Solar Park
The Netherlands
2018



3 MW
Aiching Solar Park
Germany
2018



750 kW
Altomünster Solar Park 2
Germany
2018



10 MW
Toshka 2 Solar Park
Egypt
2017



6,1 MW
Elaziğ Solar Park
Turkey
2017



1,3 MW
Karup Solar Park
Denmark
2016



10 MW
Toshka 1 Solar Park
Egypt
2016



1,1 MW
Buczyna Solar Park
Poland
2016



14 MW
Red Sea PV Parks
Egypt
2015



8,5 MW
Solarpark Magdeburg
Germany



5,4 MW
Solarpark Zeitz
Nordstraße 10
06712 Zeitz (Germany)



4,7 MW
Solarpark Bad Driburg
Germany



4,7 MW
Solarparks Hoyerswerda
Germany



3,8 MW
Solarpark Zorbau
Germany



3,2 MW
Solarpark Grimma
Germany



2,7 MW
Marken Solar Park
Italy



2,5 MW
Solarpark Gerwisch
Germany



2 MW
Solarpark Fürstzell
Germany



2 MW
Solarpark Griesstätt
Germany



2 MW
Solarpark Ketterschwang
Germany



1,8 MW
Solarpark Großenlüder
Germany



1,8 MW
Solarpark Walsrode
Germany



1,6 MW
Solarpark Hohenmölsen
Germany



1,5 MW
Solarpark Bredenborn
Germany



1,45 MW
Gierczyce Solar Park
Poland



1,3 MW
Solarpark Bad Wörishofen
Germany



1,3 MW
Solarpark Heringen
Germany



1 MW
Solarpark Bodenkirchen
Germany



1 MW
Tempio Solar Park
Italy



1 MW
Solarpark Tacherting
Germany



1 MW
Wlodawa Solar Park
Poland



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