



Newsletter March 2019



Spring comes with our super spring offers!

Offers of the Month



Spring Special*

Carport M (6 x Modules size 1)



Size (approx.)

Length: 3.38 m
Depth: 3.10 m
Height (front): 2.23 m
Height (rear): 1.93 m

Total Weight: ca. 325 kg

Modules: 6 x P60
Power / Module 265 Wp
Total Power ca. 1.6 kW

~~2.901,- EUR~~ **1.999,- EUR**



Muster Tuscany Pavillon in GOLD - Special Edition -



**Letzte Chance: Nur noch
unser Muster erhältlich!**

Size (approx.)

Length: 3.37 m
Depth: 3.07 m
Height (rack): 2.21 m
Height (total): 28.8 m

Total Weight: ca. 294 kg

Modules: 6 x M50
Power / Module 250 Wp
Total Power ca. 1.5 kW

2.999,- EUR



Terrace LEA4 (4 x Modules size 2)



Size (approx.)

Length: 4.10 m
Depth: 2.03 m
Height: 2.41 m

Total Weight: ca. 215 kg

Modules: 4 x M50
Power / Module 250 Wp
Total Power ca. 1.0 kW

~~2.067,- EUR~~ **1.499,- EUR**



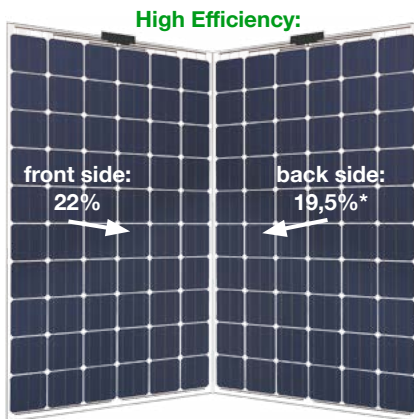
The price includes all necessary components, as well as the modules and the corresponding rainwater-proof fixing system.

Bifacial Modules with 10-30% additional yield without extra cost*¹⁾

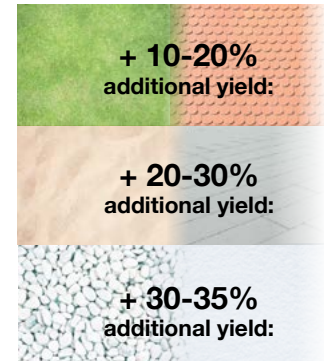
Order already now our exclusive Bifacial Modules and get them for the same price as our Double Glass Mono Modules.¹⁾



Module	Anzahl	Preis / Stk.	
B60 - 310 Wp (Module size 1)	< 10 pcs.	143,- EUR	172,- EUR
	10 - 38 pcs.	129,- EUR	155,- EUR
B72 - 370 Wp (Modul size 2)	< 10 pcs.	171,- EUR	205,- EUR
	10 - 38 pcs.	154,- EUR	184,- EUR



depending on the reflection of the ground and atmosphere



(see Almaden Catalogue page 8)

*These offers are valid while stocks last up to 03/29/2019 when ordering.
Packaging and delivery costs and the VAT are not included.

¹⁾ The prices depend on the performance of the modules.



Designed in
Germany

New Catalogues

Printed copies of the new Almaden and GridParity catalogues are available.

The Almaden catalogue is written in German and English and has been extended to include some products such as the Almaden inverter. It comprises 32 pages.

The GridParity catalogue is only available in English and has 40 pages.

New: a 4-page program overview of Almaden with the main products at a glance. This is provided with the possibility of entering your contact details as a dealer on the last page.



We would be pleased to send you the Almaden catalogue up to a quantity of 6 catalogues and our program overview of **up to 50 catalogues free of charge** as print versions.

You can already download the brochures under the following link: <https://www.almaden-europe.com/download>



Several questions concern our module sealing, e.g.

1. "What can we do to achieve a better seal?"
2. "are there alternatives to the recommended butyl tape?"



We supply you with the "DachDicht" sealing compound recommended to us by roofers, having the following characteristics:

- high elasticity,
- UV and weather resistance,
- silicone-free,
- compatible with bitumen and copper,
- very good mould resistance
- excellent adhesion to various substrates such as glass and plastics



For this the following information:

Last year we developed a much praised and proven sealing profile for the module long sides. Theoretically, we could also seal the narrow side with this or a similar screwed fastening. However, this would have the serious disadvantage that rainwater and deposits (e.g. snow, leaves etc.) could no longer flow off unhindered and would accumulate at the edge. Our system should therefore not have an edge.

Answer to question 1: After we had evaluated photos of the installation of our customers, we had to find out that our installation instructions were not followed correctly and in particular the "DachDicht" sealing compound was not applied over the entire surface without gaps. We have therefore again specified our installation instructions.

Answer to question 2: The butyl tape has only been added as an additional seal if the sealant (see 1.) has not been applied correctly. Obviously some customers then concentrated too much on this butyl tape. We have therefore decided to supply a larger quantity of "DachDicht" in the future and to do without the butyl tape. If the installation has been done as shown below, no butyl tape is required.

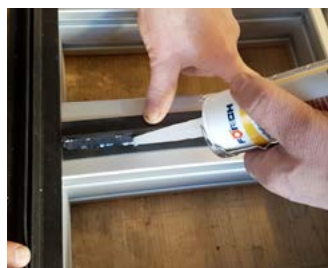
Step by step module sealing:

1. The narrow sides of the modules should be clean and smooth. Remnants of the laminating foil must be removed with a cutter knife. Then clean the edge with solvent. Coat both lips of the rubber spacer profile with plenty of "DachDicht" sealing compound,
2. Place the first module on the lip covered with the sealant and press down. The sealing compound must be flat under the edge of the module and "swell out" at the top edge.
3. Then push the second module on the other lip and press down. The sealing compound also comes out here.
4. Allow the "DachDicht" material to harden completely and then use a cutter knife to cleanly cut off the overlaying sealing material.

Detailed information can be found in our assembly instructions.



Rain proof mounting system on the long side of the modules



Apply a generous amount of sealing compound to the distance rubber profile (short side of modules)





Sealing compound is to be discharged at the edges of the module



Cut off the hardened sealing compound cleanly with a cutter knife.

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