

the inexpensive modular system for open areas!

- **stable and durable**
- **perfectly coordinated component parts**
- **the floor stays accessible**
- **long economic life-time (all parts made of aluminium and VA-steel)**
- **10 year guarantee – just as on all Schletter systems**

Schletter PvMax2 is a modular system for open area erections with high-quality components. It allows inexpensive systems with long economic life-times.

You expect a guarantee and durability of 25 to 30 years on your module – so your mounting system should at least have the same life expectancy!

Usually a concrete strip **foundation** is used that can consist of prefabricated concrete parts or also be cast on site. Specifications about the dimensioning can be found in the system statics.

Any other foundation is also possible! Purchasing foundation material on site saves transport costs.

The supports are made of special aluminium system profiles and VA-steel gusset plates. They carry the aluminium cross beams on which the modules are fastened. The supports are height adjustable, so little floor unevenness can be compensated without additional effort.

The crossbeams are hollow aluminium girders with convenient screw and nut channels. The dimensioning was optimised especially for the PvMax2 system.

The 18m base unit is statically and economically optimised. So the system is not reasonably priced because foundations, supports and mounting time can be saved. It is 18 metres long and carries two module rows on top of each other! Customized parts for the adoption to existing real estates are possible anytime (normally system lengths with a maximum of 6 respectively 12 meters). Each base unit is stiffened with a diagonal bracing.

The module clamps are taken from the well-tried Schletter standard range. There are suitable module clamps for any module thickness and reliable laminate clamps.

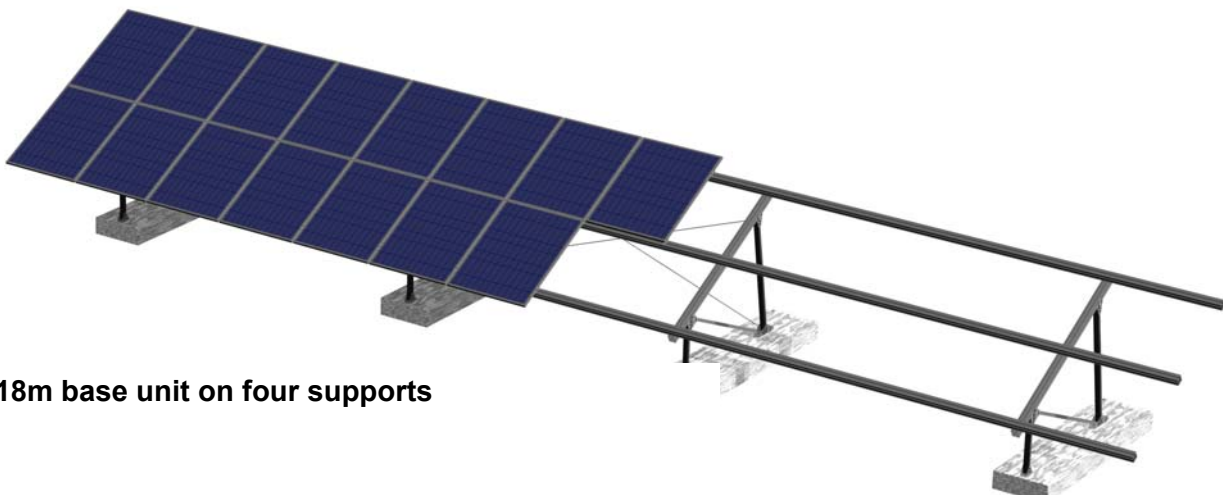
The total system reaches a maximum economic life-time by the usage of high-quality materials. All components have static calculations, the corresponding structural analysis is available.



Dimensioning

In contrast to the partly used open air systems with calculated restricted life-times the durability of the **PvMax2 system conforms with the life-time of modules** which is usually 25 to 30 years.

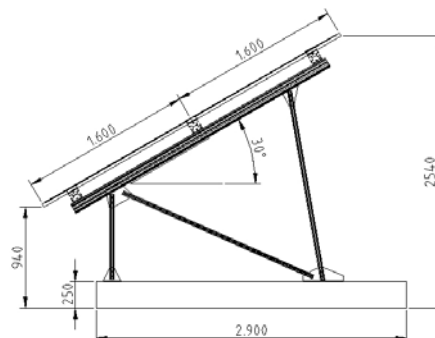
The supports and the whole system are dimensioned sufficiently high so that the floor stays accessible in any case. The stable cross beams permit large span lengths (usually four supports per 18m base unit). It is possible to stand upright at the module top edge. The lower edge is so high that the area can be used for example as grazing land for sheep.



18m base unit on four supports

Technical specifications

Material	Cross beams: Special aluminium profile XX1, XX2 and XX3 Fastening elements: VA-steel 1.4301 Supports: Aluminium system profiles, VA-steel gusset plates
Foundation	Concrete (specifications about the dimensioning in the system statics)
Statics	DIN 1055 new and Eurocode 1 System statics with specifications about foundation sizes depending on the wind and snow load forces
Calculation and ordering	For example with our auto calculator software
Measures (Example for module height 1600)	



Get all system prices fast and easily with our auto calculator!