

PEG[®] SD

The revolution in the field of PV substructure



Reaching the lowest cost of electricity
with a worldwide patented PV substructure

IT'S NOT EPC,

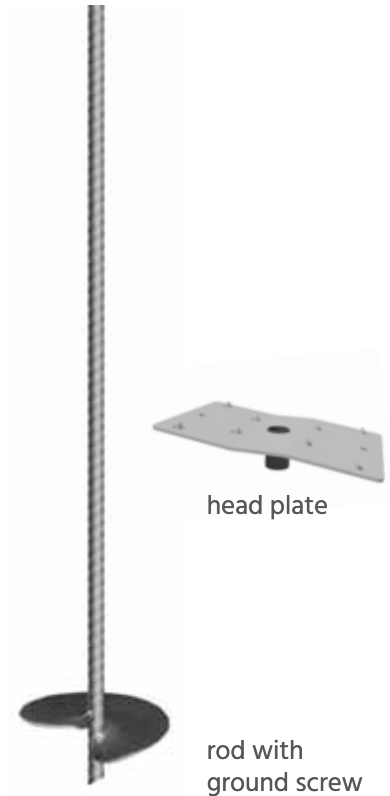
The PEG® System is a revolution in the field of substructures for solar power plants with framed modules. PEG® substructure is a light and efficient system. Substructures of our competitors are heavier and more expensive. Most of them need concrete foundations and heavy machines.

The PEG® system delivers a low levelized cost of electricity (LCOE) with high efficiency of space and large volume scalability.

The PEG® system significantly reduces both substructure supply and delivery as well as installation costs. Due to the lightweight construction no conventional foundation is needed.

Less material and a simple design lead to reduced labor costs and the phase between planning and commissioning is reduced significantly.

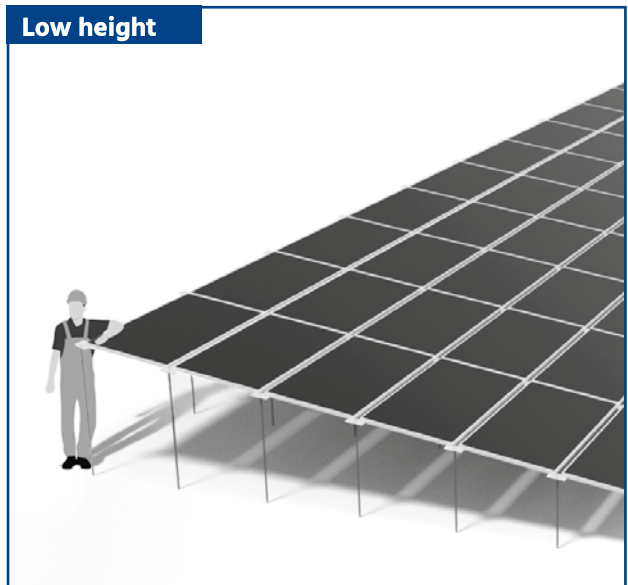
While the standard PEG® system is east-west oriented, the modules in the PEG® SD version are aligned conventionally.



Rod drilling



Low height




IT'S EPI

Engineering
Procurement
Installation

Simplicity

- Self stabilizing
- Robust
- Low visual impact

Efficiency improvement



1.40 MWp*
per one 40 ft. container
for the substructure



1.15 kWp*
per man-hour



1.6 MWp*
per hectare
(0.65 MWp per acre)

Cost reduction

The PEG® system was formed with a simple goal in mind: create a power unit to deliver electricity at the lowest possible levelized costs of energy (LCOE), with best-in-class technologies, long-term reliability and large volume scalability.

The PEG® unit significantly reduces both substructure supply and delivery, as well as installation costs.

-80%
machine costs



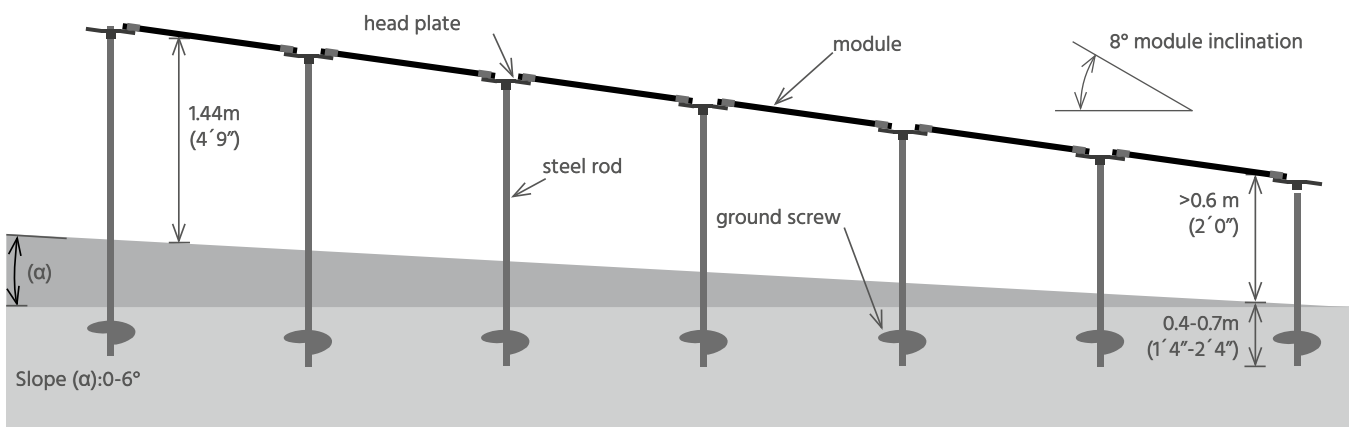
-40%
logistic costs

-60%
labor costs



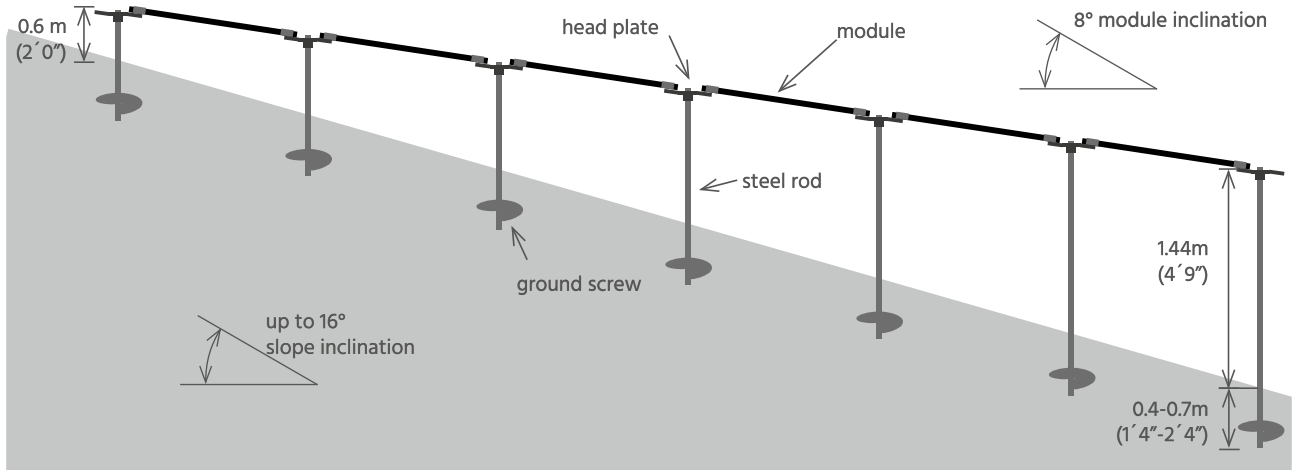
* Figures refer to 500W modules and may differ regionally.

Standard slope

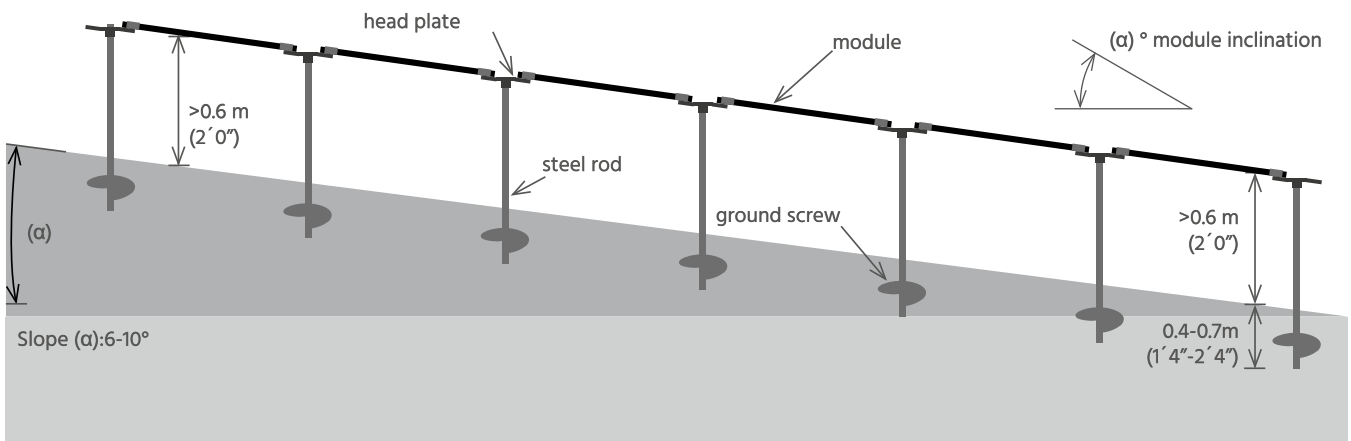


Easy work on the hillside

- Up to 16 degrees slope inclination
- Light components are easy to transport on off-road terrain at the hill
- Also perfect for a steep slope, if no heavy equipment is allowed



Parallel to the slope



Detailed information about the approved module types can be found on our website.

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