

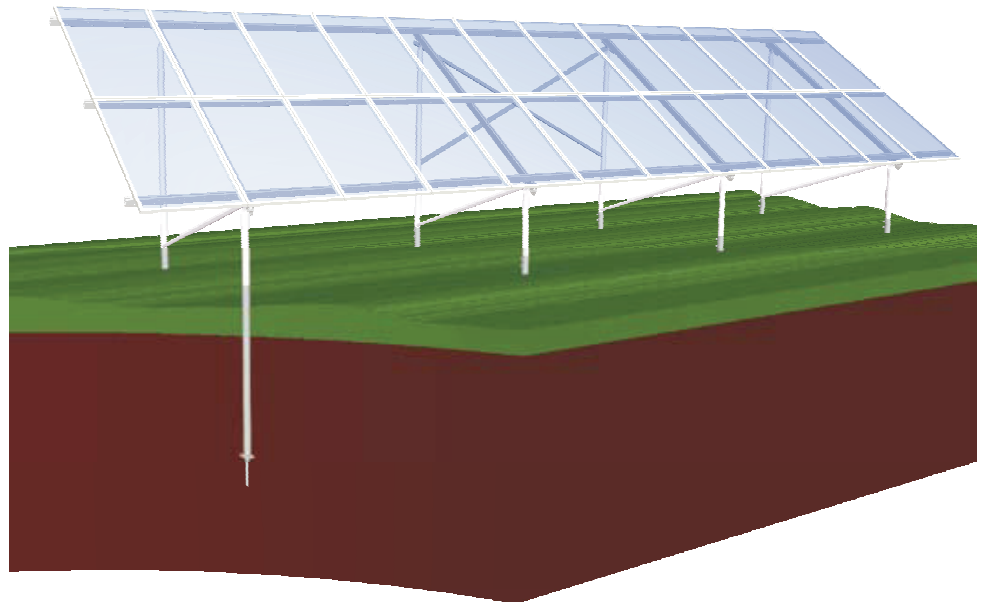
# BAUER

Solarenergie GmbH

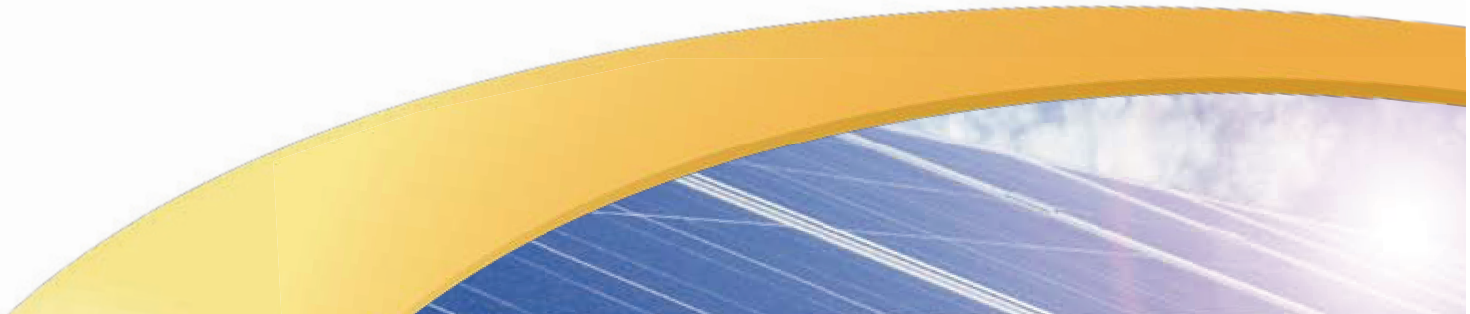


PHOTOVOLTAIC

## Mounting system for standalone modules



**SOLAR ENERGY**  
A Concept with a Future



# aluminium stainless steel substructure



figure 1



figure 2



In order to realize the versatile options of mounting at ground level BAUER Solarenergie offers the mounting system with the most different mounting alternatives.

The most simple alternative of setting up is provided by the well known system for the mounting on separate single foundation, strip foundation or foundation plate. With this system it is of course possible to attach photovoltaic systems with one or several rows of modules.

The system consists of aluminium brackets or profiles of steel, hot zinc dipped respectively stainless steel (figure 1) aluminium profile rails (figure 2) and stainless steel joining elements (screws, nuts, discs).

A mounting system for standalone modules can be constructed in several blade angles. This is usually done by using angle brackets. These can be manufactured in various lengths or adjusted on site (approximately 30° to 60°) using a drill-hole grid pattern with two rails each in variable lengths. Furthermore this angle can be varied by the distance between the foundations.

The mounting on the foundations has to be done by mortar cartridges (two-component adhesive) and threaded rods. The frameworks are secured against lateral forces by diagonal supports.

**An assembly instruction is also provided when a system is delivered. On request a static stability proof with a foundation drawing is provided.**