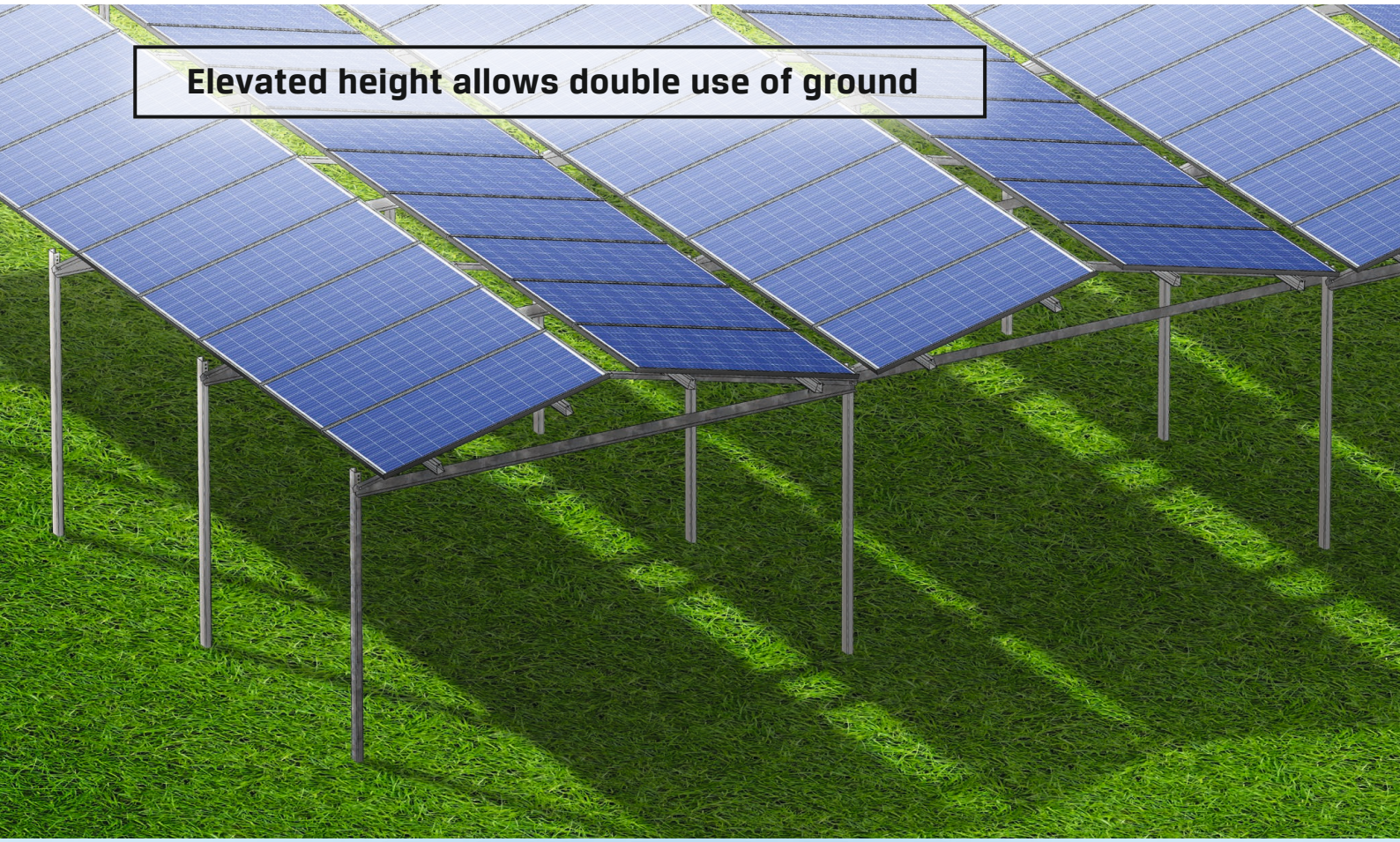
GMS® DOUBLE



- **Maximum electricity yields due to complete ground coverage**
- **Profitable electricity yield curve**
- **Ideal with high land costs**

The GMS® double mounting system redefines the concept of space utilisation: GMS® double uses the available surface area almost completely and therefore provides plant operators with highest area yields. Furthermore, the raised construction allows additional use of the ground beneath the modules.

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THE BENEFITS AT A GLANCE

/ Maximum electricity yields

GMS® double does not need any spaces between rows or maintenance walkways. Instead, the entire surface area can be used. This makes it possible to achieve over 650 kWp/acre / 1.6 MW per hectare.

/ Profitable electricity yield curve

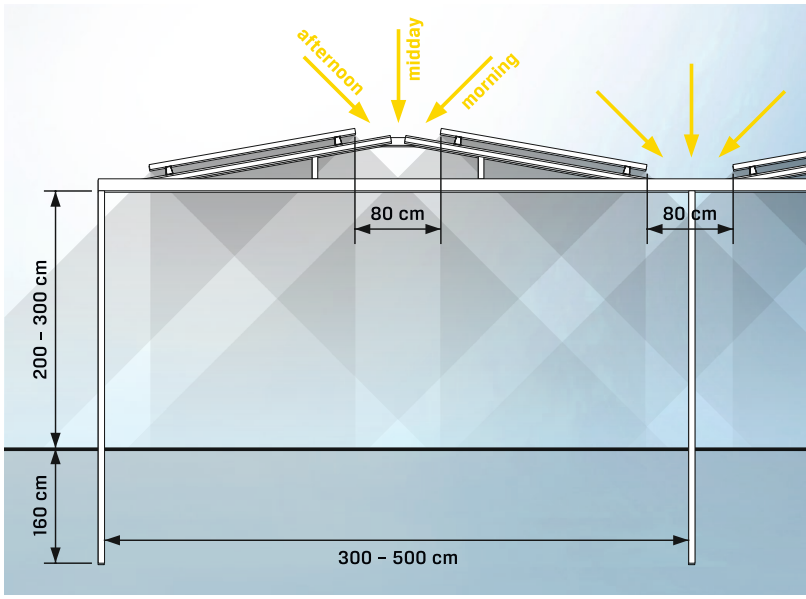
GMS® double is usually positioned in east-west orientation and therefore produce electricity for longer on summer days than systems constructed to face south. The daily yield curve is wider and flatter, and the mid-day peak is less pronounced.

/ Double use of the ground

Distances between poles of 3 to 5 metres (depending on the modules), 2 to metres of clear headroom: There is a lot of space under the GMS® double system, which can be used e.g. for animals or plants, as a storage area or as a parking lot. The east-west orientation and the ridge spacing ensure that the sunlight hits the ground throughout the day.

/ Economic benefit

In particular where land prices are high, GMS® double can deliver tangible benefits. By producing more electricity than other systems. And by providing space where needed below the PV modules.



TECHNICAL DATA

Foundation	Rammed posts, concrete foundation, or drill holes (in rocky ground)
Construction	Modular system, optimised for east-west orientation and raised design
Material	• Posts: hot-galvanised steel (batch galvanised – EN ISO 1461) • Framework: hot-galvanised steel (batch galvanised – EN ISO 1461) • Purlins: aluminium EN AW 6063 T66 • Fastening elements: stainless steel 1.4301
Static calculation	Project specific, complies with DIN 1055, DIN 18800, DIN 4113, Eurocode DIN EN 1991, wind tunnel test
Type of modules	60 and 72 cells, framed and unframed
Module orientation	1 module vertically, 2 modules horizontally
Angle of inclination	Standard: 10° (other angles on request)

Technical data subject to change without notice

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MKG 2019-010 | Studio2.de