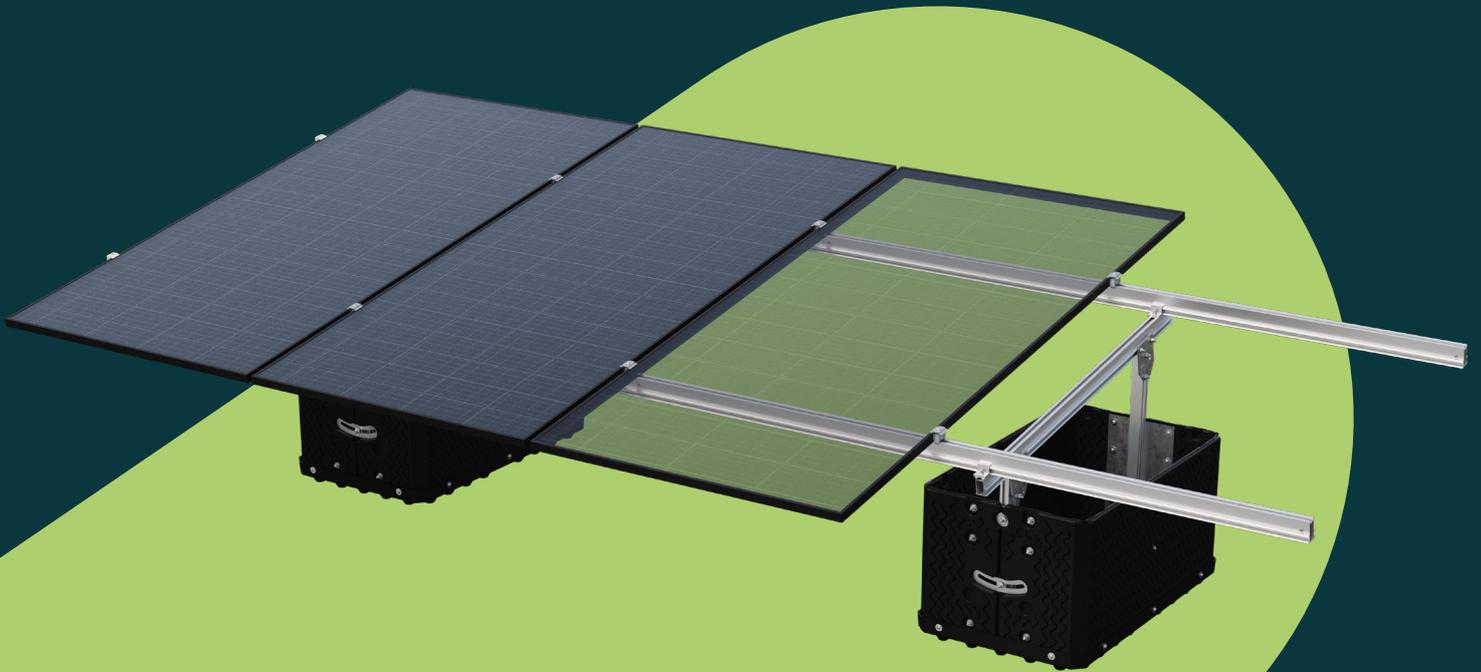


System datasheet

sflex groundmount box

Leaves nothing but possibilities.

The sflex Groundmount Box opens up locations that were previously inaccessible for PV. Foundation-free, ground-friendly and mobile, it makes even sensitive locations usable – permanently or temporarily.



because you can build on us

info@sflex.de sflex.de

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Ground-mounted system without ground anchoring

Flexible use

The sflex Groundmount Box is the smart solution for ground-mounted PV projects – without the need for fixed ground anchoring. At the heart of the system are robust plastic trays that can be filled with various materials to ensure stability. Ideal for temporary or permanent installations – on almost any surface.

Modular and sturdy – even when tilted

The double-walled outdoor trays are made from 100% recycled plastic and are optimised for use on flat or slightly pitched terrain (up to 3°). Nubs and ribs on the underside reliably prevent slipping, even in windy conditions or on uneven ground. Adjustable steel adapter plates enable precise alignment of the PV modules. Quick, easy and requiring few tools.

Quick to assemble – ready for use immediately

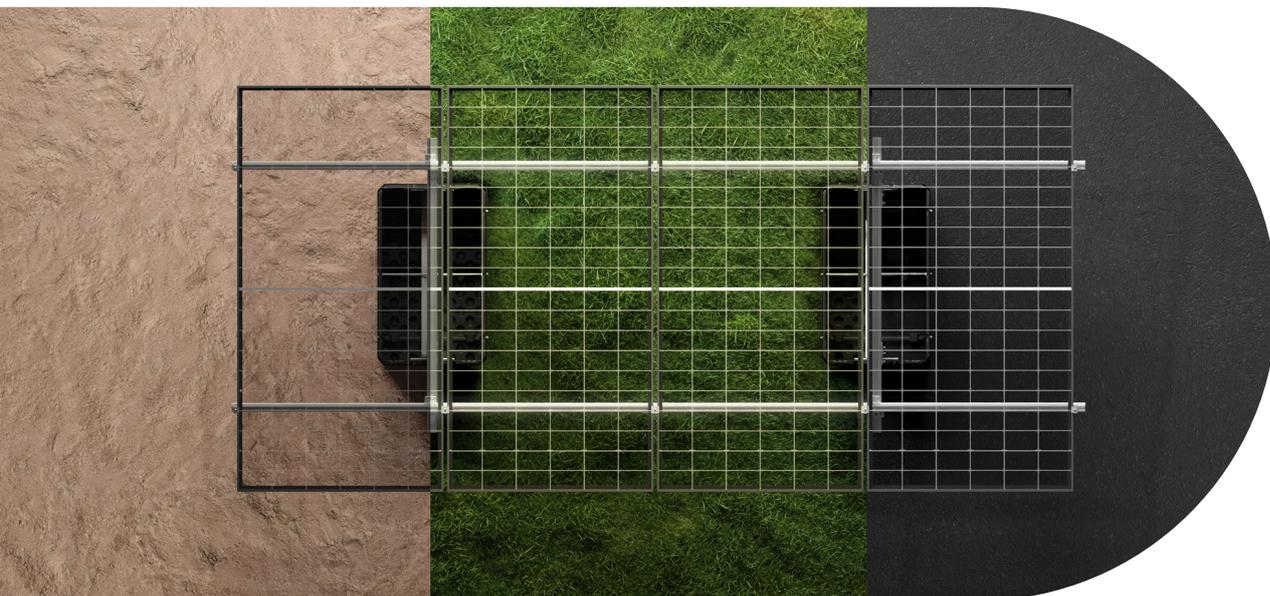
Thanks to its material-saving design and modular construction, the Groundmount Box can be installed particularly quickly – without excavation work, without concrete, regardless of the weather. Once assembled, the system is immediately load-bearing and ready for use – this speeds up construction processes and saves resources.

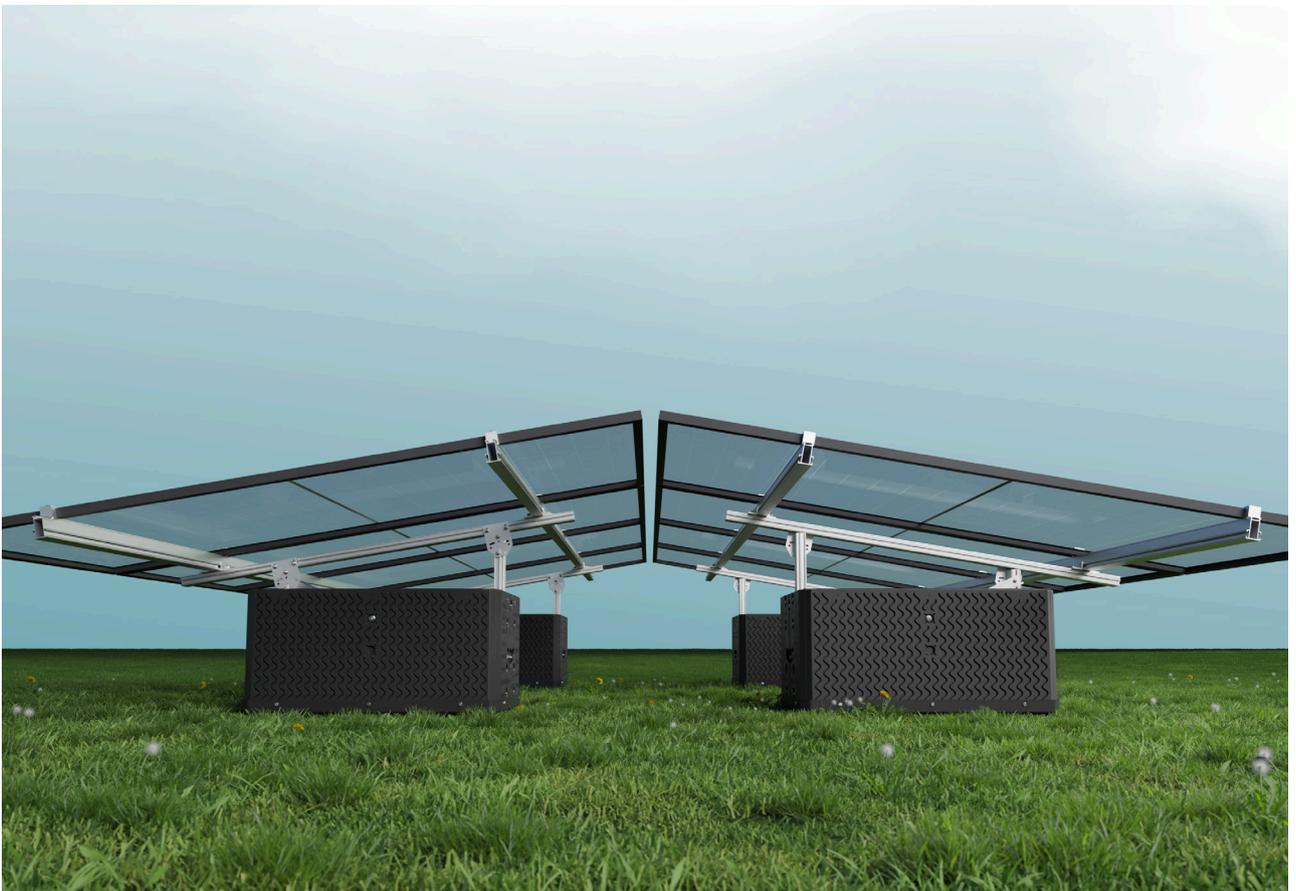
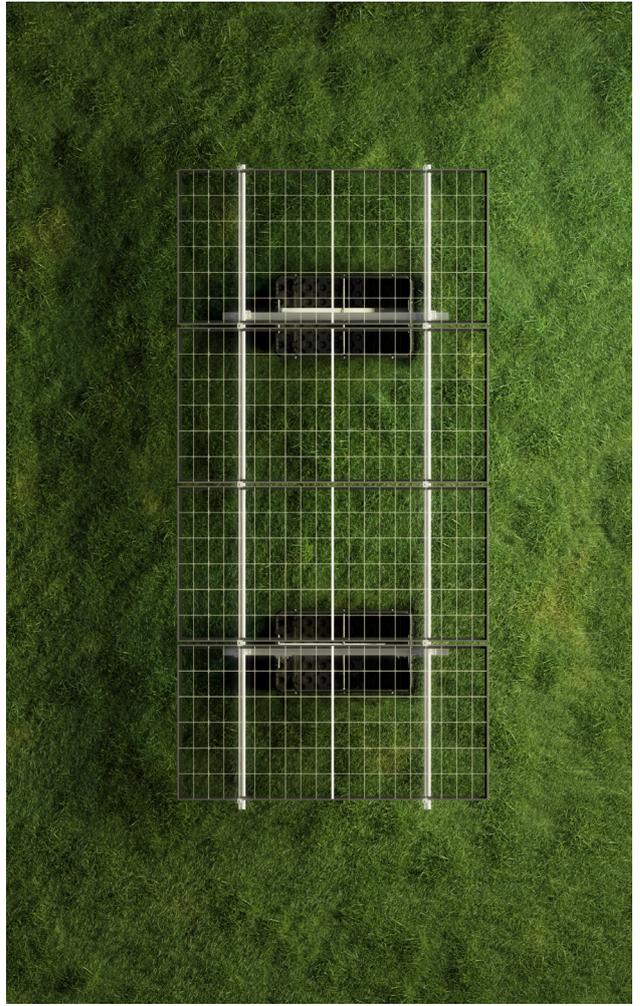
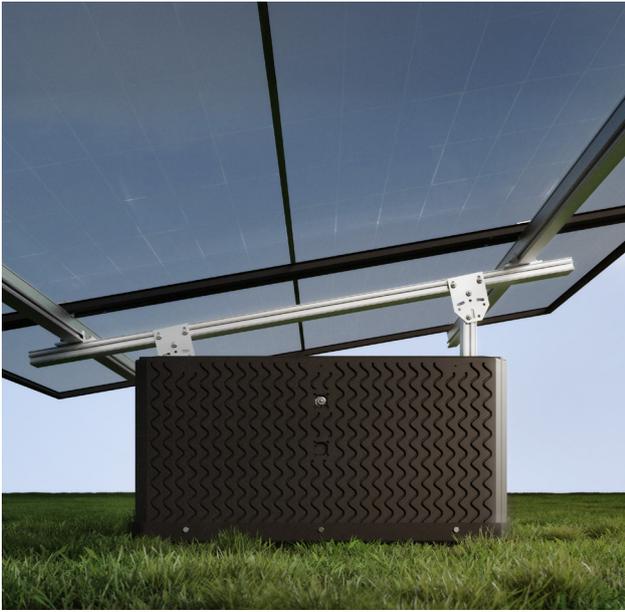
Versatile – even where other systems reach their limits

Whether on asphalt surfaces, rocky ground, sandy soil or sensitive areas such as landfills, the sflex Groundmount Box is designed for a wide variety of conditions. Thanks to its ground-friendly construction without deep anchoring, the system is ideal for temporary installations, leased land, contaminated sites or terrain that is difficult to access. Even sealing membranes on landfills remain intact.

Core advantages:

- No ground anchoring required
- Foldable, easy to transport and store
- Use on asphalt, earth, rock, sand or landfill sites
- Immediate load-bearing capacity after assembly
- No damage to the ground, making it ideal for sensitive areas
- Stable alignment even at angles
- Ideal for temporary or permanent applications





sflex groundmount box

Product benefits

Easy installation	Quick assembly, no earthworks or concrete work required, assembly not dependent on weather conditions
No waiting times	After installation, the outdoor tubs can be used immediately
Soil-friendly	Soils remain largely untouched, as no intervention is required
Mobile	Temporary or permanent – the tubs are foldable and suitable for both uses
Universal	Use on asphalt, soil, rocky ground, sand or landfill sites
Weatherproof	Plastic resistant to weather and moisture
Slope-optimised	Adjustable steel adapter plates for levelling uneven surfaces

Technical Data

Application	Open ground
Connection	Ballast Tub
Module type	Framed moule
Module size	1740 mm -2400 mm x 1134 mm
Module orientation	South, East-West (Portrait)
Module carrier rail	2345 mm (logistic optimised)
Wind load	max. wind load zone 2
Snow load	max. snow load zone 2
Module field size	Minimum: 4 Modules (1 row of 4 modules portrait) Maximum: 12 Modules (1 row of 12 modules portrait)
Angle	10°
Slope	3°
Height compensation	10 cm on uneven terrain, 20° tilt angle
Load capacity	Maximum 440 kg und 256 l
Materials	Aluminium, stainless steel, galvanised steel, HDPE 100% recyclable
Guarantee	10 years on the durability of thematerials

sflex groundmount box

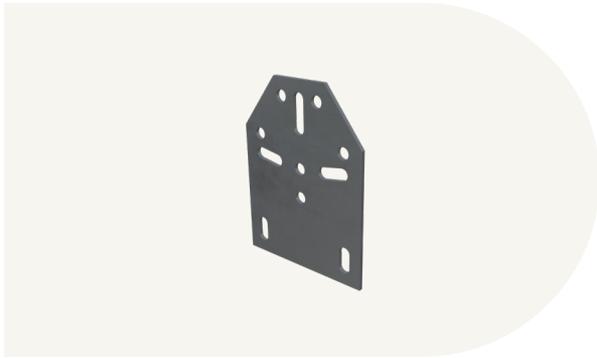
Material overview



Groundmount Tub



Rails: ST-AK 7 47 / ST-AK 13 60 / ST-AK 26 70



Gusset Plate



Endclamp AK II Klick



Module clamp AK II Klick



Crossbar connector

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Modular design – for maximum possibilities



The modular system design



S 1x4 = 4 Modules
EW 2x4 = 8 Modules



S 1x6 = 6 Modules
EW 2x6 = 12 Modules



S 1x8 = 8 Modules
EW 2x8 = 16 Modules



S 1x10 = 10 Modules
EW 2x10 = 20 Modules



S 1x12 = 12 Modules
EW 2x12 = 24 Modules

sflex groundmount box

Leaves nothing but possibilities.

Are you interested or do you have more questions about the product?
You can build on our support!

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