

energize
the earth
buy the sun

X SERIES

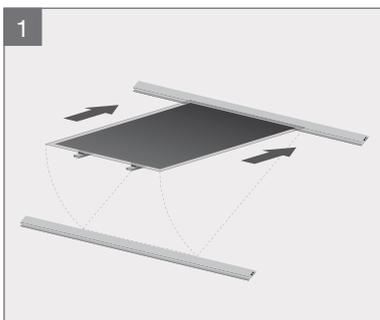
MICROMORPH 3

The Inventux thin-film solar modules of the X-Series MICROMORPH are made of an amorphous and micro-crystalline silicon layer. This micromorph tandem structure absorbs an especially wide spectrum of light, facilitates excellent performance with diffused solarization - and is particularly suitable for flat inclined roofs in east-west alignment.

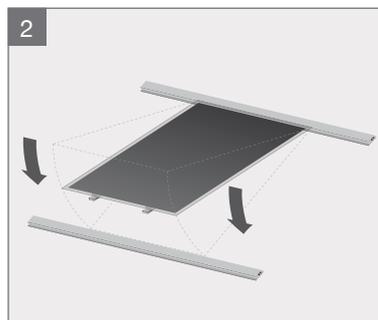
The product design, with its optimal surface area of 1.43 square metres (15.39 sq ft), its frameless glass-glass structure, as well as its rear integration of stainless steel carrier profiles, combines excellent static properties with faster and material-saving mounting.

new	■ Positive tolerance of $-0/+5 W_p$	A sure investment due to guaranteed module performance
new	■ White reflector foil and enlarged active surface	Increased module output
	■ Ideal module surface with integrated fiX mounting system	Time and material-saving installation at low costs
	■ Absorbs a wide spectrum of light thanks to tandem structure (a-Si/ μ c-Si)	Highest energy yields even in case of low light
	■ Free of toxic, dangerous materials, RoHS certified	Unproblematic recycling
	■ Monolithic series connection by means of laser technology without soldering joints	High functional reliability and longevity
	■ 2 moulded junction boxes with short cables in the module corners	Fast, material-saving and safe stringing
	■ Frameless glass-glass design with low iron and highly translucent front glass	High energy yield, no dirt collection in edges, no inner freezing
	■ Black, slim cell design with "pin-stripe" appearance	Aesthetically pleasing product design
	■ Minimum usage of material and very low process temperatures	Short energy payback time as contribution to sustainability
	■ Manufactured in state-of-the-art, automated and ISO-certified facilities with continuous optical, mechanical and electrical inspections	Guaranteed quality and longevity
	■ Made in Germany	Reliable product quality, continuous process improvements

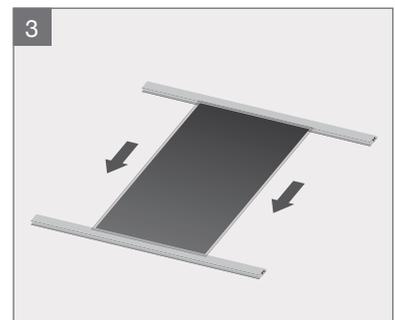
fiX Mounting System with 1-2-3 Principle



1 Insert module in upper profile



2 Lower module



3 Slide module into lower profile

<ul style="list-style-type: none"> ■ Fast, easy and safe mounting with 1-2-3 principle without clamps or screws 	Lower installation costs, thus increasing the overall profitability of the system
<ul style="list-style-type: none"> ■ Effective double usage of a mounting profile by two module rows 	Material and time-saving since fewer mounting profiles required
<ul style="list-style-type: none"> ■ Stainless mounting 	No glass breakage, particularly through weather-induced stresses (snow, wind, etc.)
<ul style="list-style-type: none"> ■ No construction-related minimum angle of inclination 	Highest flexibility in PV system design
<ul style="list-style-type: none"> ■ Stainless steel carrier profiles 	Longevity through the highest possible temperature and corrosion resistance

