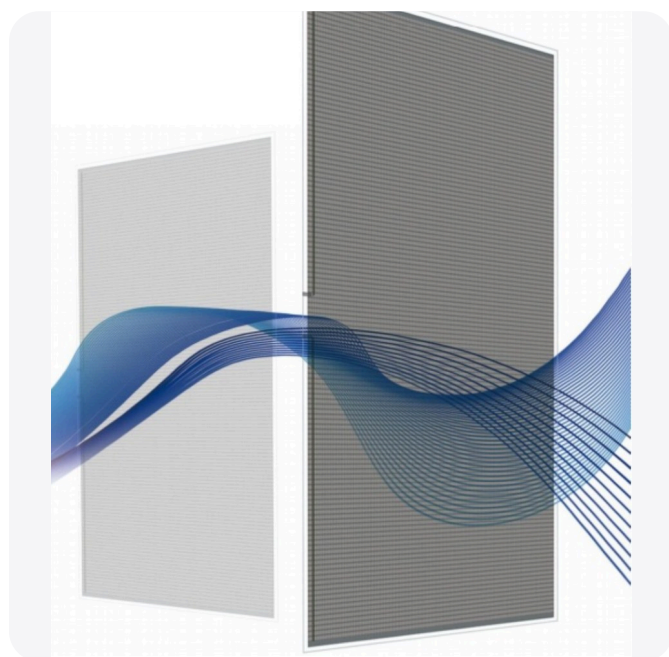


Solar PV & BIPV · Windows, skylights and canopies

Mingyang Semi-Transparent PV Module MY-3CT (0–60% transparency)

CdTe thin-film PV glass of 1200 × 600 × 6.8 mm in four transparency levels, from 115 W at 0% to 46 W at 60% transparency.

Product code: **SPC-PV-MY-STT**



Use case

A hotel covers its winter garden with semi-transparent PV glass at 40% transparency.

Guests sit in soft daylight with a view of the sky, while the roof generates power for the restaurant's kitchen and lighting.

Price on request — official price list coming soon.

How it works

Choose the light

Four standard transparency levels, 0%, 20%, 40% and 60%, set the balance between daylight and power.

Good in low light

According to the manufacturer, the thin-film module performs well in the morning, in the evening and in cloudy or hazy conditions.

Light and thin

6.8 mm and 12 kg per module: 3.2 mm CdTe glass, 0.4 mm EVA and 3.2 mm back glass.



All technical data are manufacturer declarations. Specifications may change without notice. Edition 10.2026.

Specifications

PARAMETER	VALUE
Manufacturer	Mingyang (Guangdong Mingyang Thin Film Technology Co., Ltd.)
Technology	Cadmium telluride (CdTe) thin film, glass-glass
Models / transparency	MY-3CT0 0% · MY-3CT20 20% · MY-3CT40 40% · MY-3CT60 60%
Maximum power (STC)	115 W / 92 W / 69 W / 46 W (±5%)
V _{mpp} / V _{oc}	101.8 V / 125.5 V (all models)
I _{mpp}	1.13 A / 0.90 A / 0.68 A / 0.45 A
I _{sc}	1.24 A / 0.99 A / 0.74 A / 0.50 A
Size, weight, area	1200 × 600 × 6.8 mm · 12 kg · 0.72 m ²
Build-up	3.2 mm CdTe glass + 0.4 mm EVA + 3.2 mm back glass
Cable, connector, junction box	2.5 mm ² , 650 ± 10 mm · MC4 · IP67
Operating temperature	-40 °C to +85 °C
Temperature coefficients	P _{max} -0.29 %/°C · V _{oc} -0.28 %/°C · I _{sc} +0.04 %/°C
Max. system voltage, fuse rating	DC 1000 V (IEC) · 6 A
Application class	A2
Wind and snow load	6000 Pa (IEC)
Packing	50 modules / pallet (700 kg)
Warranty	10-year product warranty, 25-year performance warranty (more than 85% power after 25 years; 2.0% in year 1, then 0.5% per year)
Certificates (manufacturer documents)	VDE marks approval No. 40049441 (EN IEC 61730-1/-2:2018; the product also fulfils IEC 61215:2016), thin-film terrestrial PV modules · ISO 9001, ISO 14001 and ISO 45001 (SGS) for CdTe module manufacture

Manufacturer: Guangdong Mingyang Thin Film Technology Co., Ltd., No. 13 Torch Avenue (Section 2), Torch Development Zone, 528437 Zhongshan, Guangdong, China · market@mytfsolar.com. Offered and supported in Poland by Space BMS sp. z o.o.

Detailed technical documentation and drawings are available on request.

How we work with you

- Site visit and roof or car-park survey.
- Yield estimate and system layout for your building.
- Structural and grid-connection check with your designer.
- Installation by qualified partners and commissioning.

Contact

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