

Solar PV & BIPV · Façades and spandrels

Mingyang BIPV Standard Module MY-JL-B5 / B6 / B8 (CdTe glass-glass)

A frameless, opaque CdTe thin-film glass module of 1200 × 600 mm that replaces cladding or spandrel glass and generates up to 110 W.

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



Use case

On an office building, the opaque spandrel panels between the floors are made of Mingyang BIPV glass instead of ordinary enamelled glass.

From the street they read as one uniform dark façade, and the energy they generate supplies the building's common areas and EV chargers.

Price on request — official price list coming soon.

How it works

Building material and power plant

The module is a laminated glass panel that replaces a conventional building material and generates electricity at the same time.

Three glass build-ups

5 + 3.2 + 5 mm, 6 + 3.2 + 6 mm or 8 + 3.2 + 8 mm, chosen to suit the façade structure and loads.

Stable output

Temperature coefficient of power -0.29 %/°C, 2.0% degradation in the first year and 0.5% per year thereafter.



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, frameless glass-glass
Models	MY-JL-B5 / MY-JL-B6 / MY-JL-B8
Maximum power (STC)	110 W / 110 W / 105 W ($\pm 5\%$)
V _{mpp} / I _{mpp}	101.0 V / 1.10 A · 101.0 V / 1.10 A · 100.7 V / 1.07 A
V _{oc} / I _{sc}	122.8 V / 1.19 A · 122.8 V / 1.19 A · 122.8 V / 1.15 A
Size	1200 × 600 × 16.2 / 18.2 / 22.2 mm
Weight	29 / 33 / 40 kg
Area	0.72 m ²
Glass build-up	5 + 3.2 + 5 / 6 + 3.2 + 6 / 8 + 3.2 + 8 mm
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

+48 533 909 533

www.spacebms.com

Space BMS sp. z o.o.

ul. Zbożowa 3/6, 30-002 Kraków