DAS Energy

AUSTRIA

HYBRID GLASS MODULE 11 x 6

LIGHTWEIGHT
≤ 7 kg/m²
Light enough for most load limited roofs

HIGH-EFFICIENCY SILICON CELL
Monocrystalline PERC cells
No thin film!

UNIQUE "LOW DEGRADATION" WARRANTY
Minimum 85 % yield after 40 years

MULTI-LAYER CELL ENCAPSULATION
Maximal microcrack protection
Increased longevity

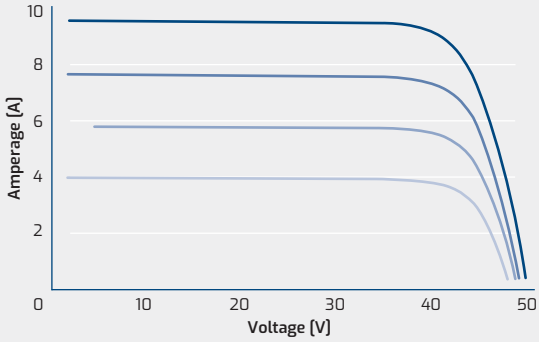
UV RESISTANT
Matt finish for low reflection
UV & salt resistant

EASY TO INSTALL
Simple but strong adhesive bonding
No metal subsystem required
No ballast required

EXTREME WEATHER CONDITIONS
Even in heat, sandstorms and dusty conditions, the module provides stable and durable performance

THERMAL CHARACTERISTICS

Operating temperature range	-40°C to +85°C
Temperature coefficient Pmpp	-0.34 % / °C
Temperature coefficient Voc	-0.25 % / °C
Temperature coefficient Isc	+0.03 % / °C



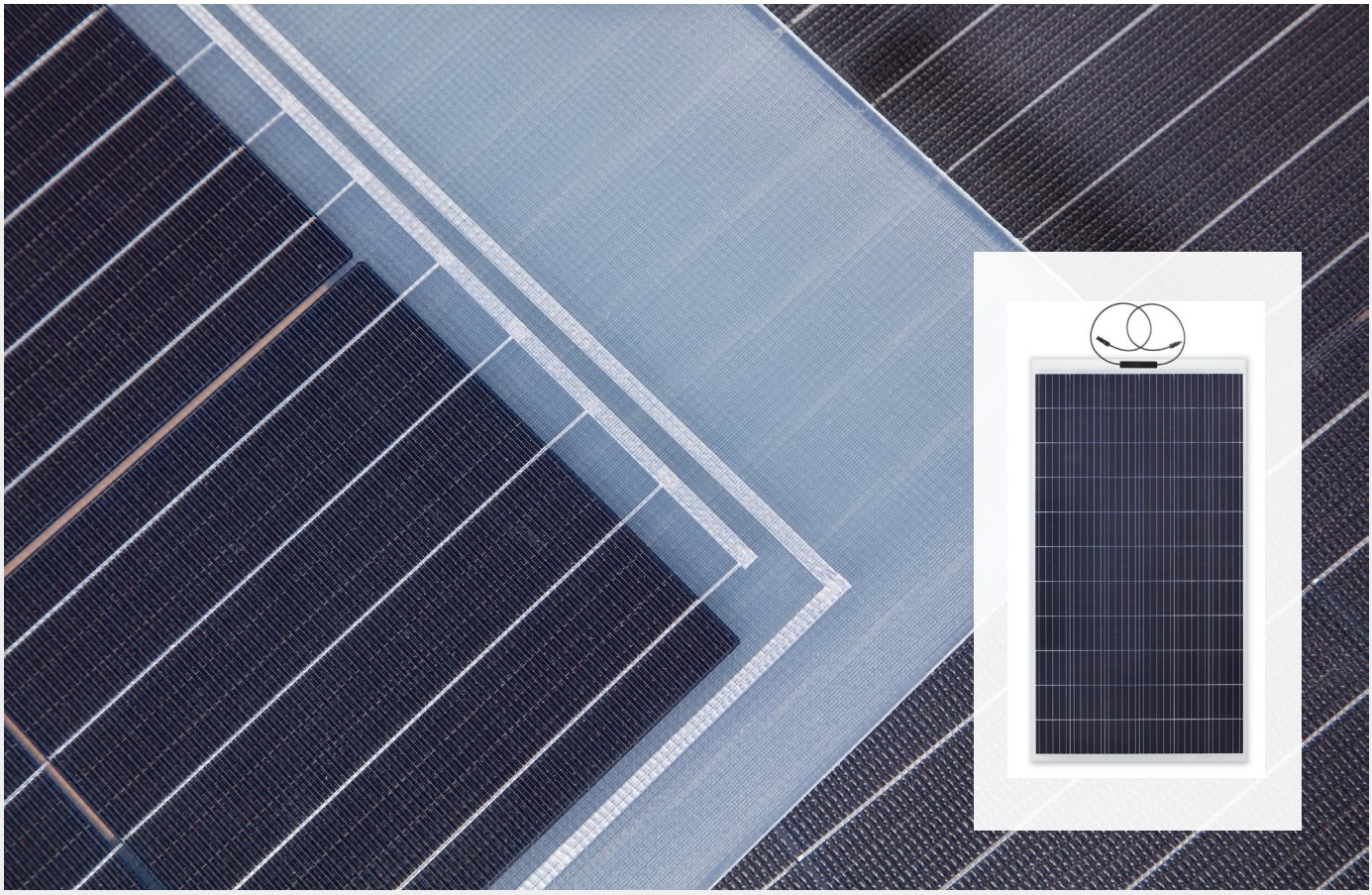
I-V-CURVES
11 x 6 M

- 1000W/m²
- 800W/m²
- 600W/m²
- 400W/m²

±5W/m²

TECHNICAL DATA

Solar cells	5BB monocrystalline PERC solar cells
Maximum system voltage	1000 V
Maximum overcurrent protection rating	20 A
Isc	9.48 A
Impp	8.95 A
Weight	≤ 7 kg/m²
Junction box	TÜV-certified (IP67/68) with bypass diodes
Cables	4 mm², 90 cm
Connector	Original MC4-Evo2



HYBRID GLASS MODULE 11 x 6 M FJB

Name	Power	Solar cells	Module length	Module width	Voc (V)	Vmpp (V)	Impp (A)	Isc (A)
11 x 6 M FJB	330 Wp	66	1.917 mm	1.020 mm	45,19	37,29	8,95	9,48

RJB = rear junction box FJB = front junction box

APPLICATIONS

Building-integrated and building-applied PV (rooftop, facade), special applications

POWER RANGE

330 Wp

Tolerances*
≥ 250 Wp: - 0 / + 10 W
< 250 Wp: - 5 / + 5 W
Isc: +/- 10 %
Voc: +/- 10 %

* all electrical data at STC (1.000 W/m² 25 +/-2 °C, AM 1.5 according to IEC 60904-3)

HIGH RELIABILITY

conform to:
IEC 61730 | IEC 61215
IEC 62804-1
Potential-induced degradation
IEC 61701 Salt mist corrosion
IEC 62716 Ammonia corrosion
EN 13501-5 B_{ROOF} (t1)
"Flying sparks test"

WARRANTY

10-year product warranty
40-year linear performance warranty for building-integrated and building-applied installations

www.das-energy.com

download factsheets

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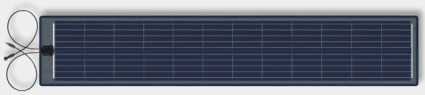

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SCIENTIFIC PARTNERS AND ASSOCIATIONS

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