


THE PROJECT MODULE

11x6


- 
ULTRA-LIGHTWEIGHT
 Only 3.3 kg/m²


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


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


 - 
PATENTED MULTI-LAYER CELL ENCAPSULATION
 Maximal microcrack protection
 Increased longevity

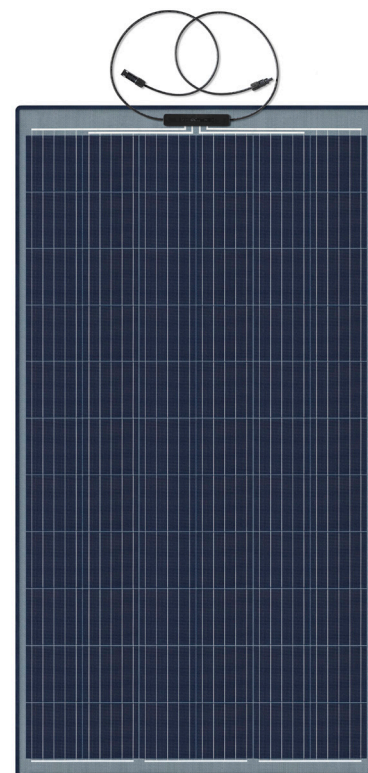
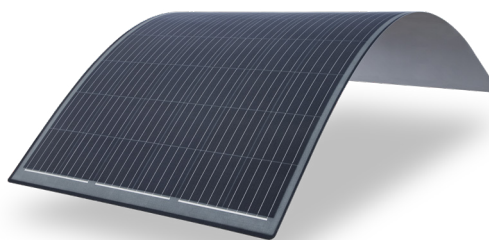
 - 
ETFE FRONT SHEET
 Soil-repellent (high self-cleaning effect)
 UV & salt resistant
 Optimal heat dissipation

 - 
HIGH YIELD IN ANY POSITION
 Multi-directional lens structure
- 
BENDABLE
 Smallest bending diameter (2 m)

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

 - 
TAILOR-MADE OPTIONS AVAILABLE
 Sizing to your requirement
 Transparent back sheet

 - 
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 P _{mp}	-0.38 % / °C
Temperature coefficient V _{oc}	-0.36 % / °C
Temperature coefficient I _{sc}	+0.07 % / °C

TECHNICAL DATA

Solar cells	5BB monocrystalline solar cells
Maximum system voltage	1000 V
Maximum overcurrent protection rating	20 A
I _{sc}	9.28 A
I _{mp}	8.86 A
Weight	3.3 kg/m ²
Front sheet	Soil-repellent ETFE
Encapsulation	Patented fiberglass-reinforced plastic
Back sheet	High-resistance PET
Junction box	TÜV-certified (IP67/68) with bypass diodes
Cables	2 x 4 mm ²
Connector	PV4-S

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11x6 M RJB / 11x6 M FJB

Name	Power	Solar cells	Module length	Module width	Voc (V)	Vmp (V)	Imp (A)	Isc (A)
11x6 M RJB	330 Wp	66	1,917 mm	1,020 mm	45.39	37.6	8.86	9.28
11x6 M FJB	330 Wp	66	1,917 mm	1,020 mm	45.39	37.6	8.86	9.28

RJB = rear junction box FJB = front junction box



Rooftop installation DAS Energy Headquarters

APPLICATIONS

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

POWER RANGE 20 - 350 Wp

Tolerances*
 ≥ 250 Wp: - 0 / + 10 W
 < 250 Wp: - 5 / + 5 W
 Ics: +/- 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

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

SCIENTIFIC PARTNERS AND ASSOCIATIONS



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