

THE PROJECT MODULE

10x6

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

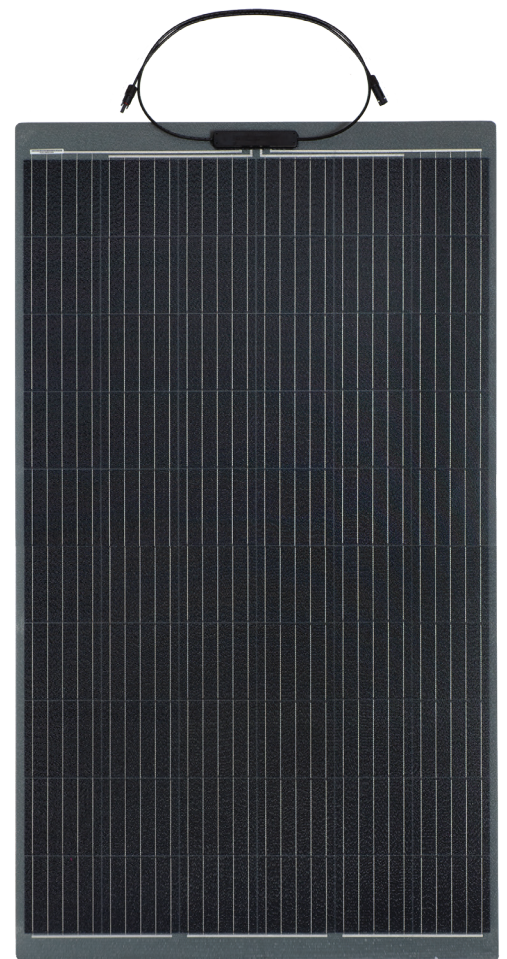
HIGH YIELD IN ANY POSITION
Multi-directional lens structure

BENDABLE
Smallest bending diameter (2 m)

EASY TO INSTALL
Simple but strong glue fixing
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



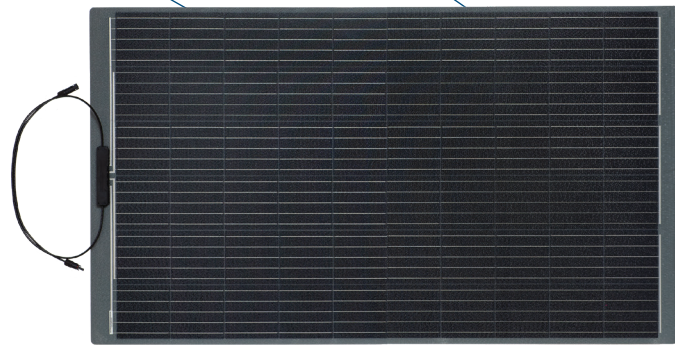
THERMAL CHARACTERISTICS

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

THE PROJECT MODULE 10x6



10 x 6 M RJB / 10 x 6 M FJB

Name	Power	Solar cells	Module length	Module width	Voc (V)	Vmp (V)	Imp (A)	Isc (A)
10x6 M RJB	300 Wp	60	1,756 mm	1,020 mm	41.26	34.18	8.86	9.28
10x6 M FJB	300 Wp	60	1,756 mm	1,020 mm	41.26	34.18	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 300 Wp

Tolerances*
Wp: -0/+10 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

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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