

Lightweight, flat
& semi-flexible.

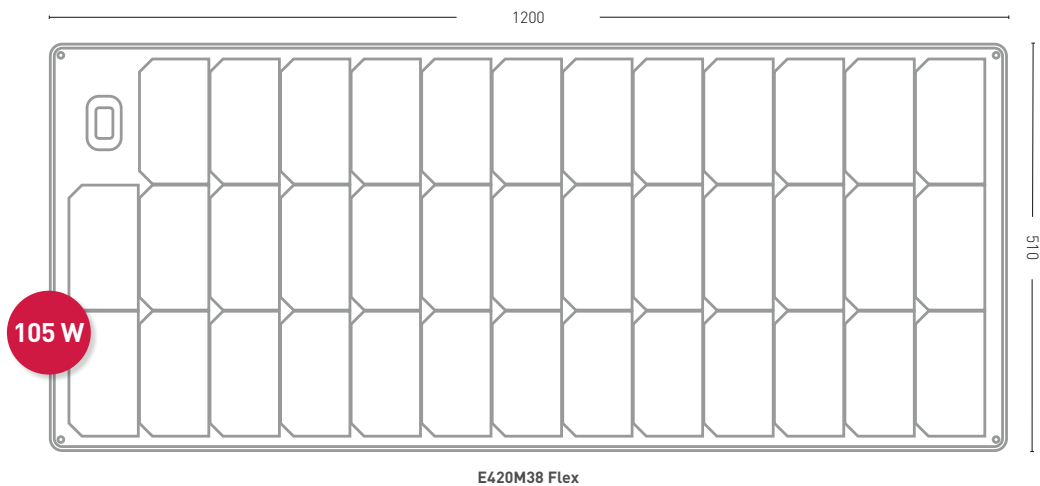
DCsolar Power Flex

TOP PERFORMANCE - FOR HIGHEST DEMANDS

- Semi-flexible solar module, stable due to a 2 mm aluminium support plate
- Lightweight and fully walkable
- Fully encapsulated cells by bonding front and back side foils
- Adapts to curved roof surface
- Monocrystalline solar cells with high efficiency
- Highest daily yields on the smallest surface even in low light conditions



DCsolar Power Flex



PERFORMANCE

Type	E420M38 Flex
Daily output in summer in Germany (Ø) Wh/d	420
Rated output * (Pmpp) Wp	105
Short-circuit current (Isc) A	5.43
Open-circuit voltage (Uoc) V	22.80
Voltage (Umpp) V	20.90
Current (Impp) A	5.03
No. of cells	38

* Performance at STC, Standard Testing Conditions: 1000 W/m², AM 1.5, cell temperature 25° C

Dimensions and weight

Dimensions L x W x H (mm)	1200 x 510 x 4
Weight kg	4.3
Cell dimensions (mm)	156 x 87

Thermal properties

TK Pmpp %/K	-0,44
TK Uoc %/K	-0,36
TK Isc %/K	0,03
NOCT °C	45 ± 2

Used materials

Cell technology	Monocrystalline
Bypass diodes	Integrated in cable outlet
Connection cable	4 m, 2 x 1.5 mm ²

More technical data

Reverse current IR	12 A
Measuring accuracy Pmpp at STC	± 10 %
Operating temperature range	-40°C to +85°C

PROVED

DCsolar

QUALITY