



Dimensions | **996 × 1686 mm**

Enjoy the freedom of planning on curved surfaces with high efficiency, ultra-light flexible solar modules.

Low load bearing roofs Solar car parks.
Building-integrated photovoltaics Creative applications and much more

LIGHTWEIGHT

FLEXIBLE SOLAR MODULES

info:



Ultra Lightweight

Reduced weight to 2,3 kg/m² - about 6 times less than traditional PV panels of same size



Flexible

The polymer technology allows flexible solar modules to be installed directly on curved surfaces without additional structural support



High efficiency

Use of monocrystalline top of the range solar cells guarantees similar energy output as conventional PV panels of the same size



19 busbar

State of the art 19 busbar filament technology - improves cell performance, adds structural support and protection against cracking



Origin

Made-in-Italy, our high-tech modern factory is based on the outskirts of Milan, making us one of the very few true European PV manufacturers

warranties:

Our technology is backed by a 10 year product guarantee and 85% after 10 years power output warranty

10
years

**PRODUCT
WARRANTY**

10
years

**POWER OUTPUT
WARRANTY**

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technical details:

Standard Test Conditions (STC):
Irradiance 1000 W/m², Air Mass AM
= 1.5, Cell Temperature 25°C; power
measurement uncertainty within ± 3%.

electrical characteristics at STC:

Nominal Power (Pmax)	270 Wp	275 Wp	280 Wp
Maximum Power Voltage (Vmp)	31.30 V	31.80 V	32.20 V
Maximum Power Current (Imp)	8.50 A	8.60 A	8.70 A
Open Circuit Voltage (Voc)	38.00 V	38.50 V	38.80 V
Short Circuit Current (Isc)	9.10 A	9.19 A	9.28 A
Maximum System Voltage	1000 V	1000 V	1000 V
Series Fuse Maximum Rating	15 A	15 A	15 A

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mechanical characteristics:

Solar cells	60 (6 x 10) monocrystalline silicon, 156 x 156 mm (6") cells
Cell connection	Filament Technology
Junction Box Protection Class	IP 67
Cables	UV resistant cables, 900/1000 mm, sec.4.0 mm ²
Connectors	MC4 compatible connectors
Dimensions	1686 mm x 996 mm x 3 mm (66.3" x 39.2" x 0.1")
Weight	4.0 kg (8.8 lbs)
Application Class (IEC 61730)	A

temperature characteristics:

NOCT	45°C ± 2°C
Pmax Temp. Coefficient (γ)	-0.37 %/K
Voc Temp. Coefficient (β)	-0.27 %/K
Isc Temp. Coefficient (α)	0.04 %/K
Operating temperature	-40°C to + 85°C

