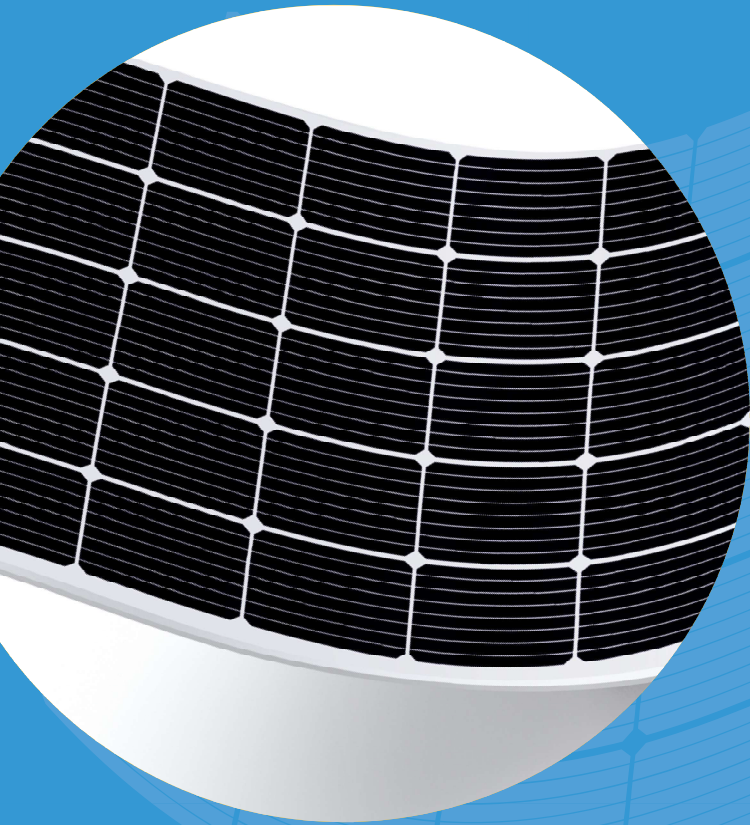




LIGHTWEIGHT Flexible Solar Modules



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



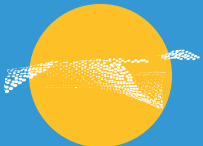
Ultra Lightweight

Reduced weight to 2.5 kg/m² - about 6 times less than traditional PV panels of same size



19 busbar

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



Flexible

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



Warranty

No less than 85% minimum peak power at STC after 10 years. We also offer up to 20 years of linear performance warranty depending upon the application



High efficiency

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



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

ELECTRICAL CHARACTERISTICS AT STC¹

Nominal Power (P _{max})	[W _p]	288
Maximum Power Voltage (V _{mp})	[V]	32.95
Maximum Power Current (I _{mp})	[A]	8.45
Open Circuit Voltage (V _{oc})	[V]	40.17
Short Circuit Current (I _{sc})	[A]	8.95
Maximum System Voltage	[V]	1000
Series Fuse Maximum Rating	[A]	16

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	1670 mm x 996 mm x 1.5 mm (65.7" x 39.2" x 0.05")
Weight	4.1 kg (9 lbs)
Application Class (IEC 61730)	A

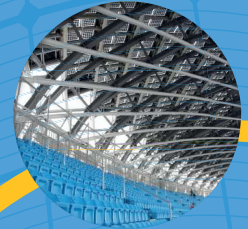
TEMPERATURE CHARACTERISTICS

NOCT	45°C ± 2°C
P _{max} Temp. Coefficient (γ)	-0.37 %/K
V _{oc} Temp. Coefficient (β)	-0.27 %/K
I _{sc} Temp. Coefficient (α)	0.04 %/K
Operating temperature	-40°C to + 85°C

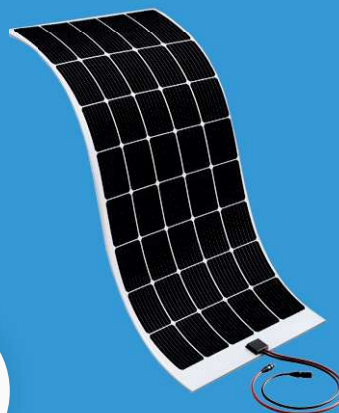
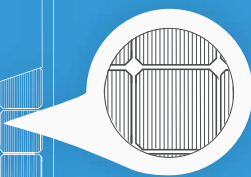
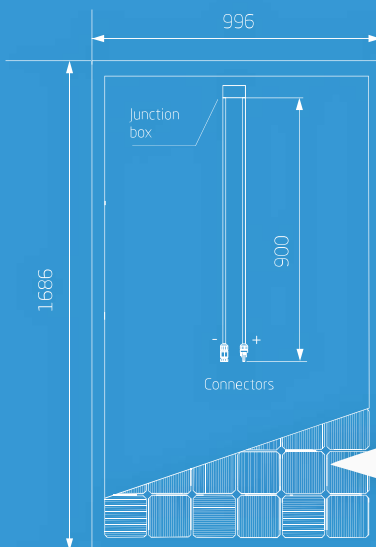
WARRANTIES

Product Warranty up to 10 years and Linear Performance Warranty up to 20 years. No less than 85% of the minimum peak power at STC after 10 years.

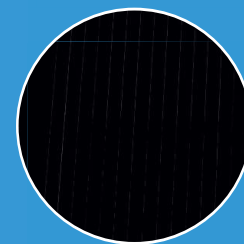
FLEXIBLE PLANNING



TECHNICAL DRAWINGS



OPTIONAL FEATURES



Black backsheet
Bespoke size and shapes available

¹ Dimensions in the technical drawings are expressed in mm with tolerance ±2 mm (±0.079 ")

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