

SOLAR PANELS

High efficiency ultra-light
flexible solar modules

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



OPTIONAL FEATURES

Black backsheet
Bespoke size and shape available

Ultra Lightweight

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

Multi-busbar

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

Flexible

The polymer technology allows GreenBuilt Homes 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.

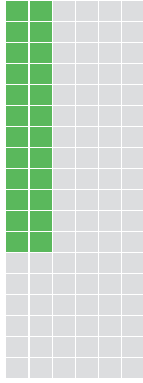
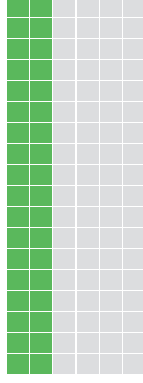
High Efficiency

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.

Solar Modules Specifications

VERDISOL MODULES		
Model	Model	Model
		
Maximum Power (Pmax)	136W	204W
Number of Vells	2X12 (24)	2X18 (36)
Module Length	1985mm	2925mm
Module Width	360mm	360mm
Efficiency	19%	19.5%
Max Power Voltage (Vmp)	15.2 V	28.8 V
Open Circuit Current (Voe)	17.2 V	25.8 V
Short Circuit Current (Imp)	9.7 A	
Max Power Current (Imp)	8.96 A	
Max Series Fuse Rating	15 A	
Operating Temperture	-40 / +85 °C	
Temp. coeff. Pmax	-0.38% / °C	
Temp. coeff. Voe	-0.27% / °C	
Temp. coeff. Pmax Isc	0.05% / °C	
Maximum reverse current	12 A	
Safety Class	A	
Max. System voltage	1000 V	
NOCT Operate. Temo	42 °C	
Connection Cable	Solar cable 4mm, double insulated, UV resistant, MC4 connector system	
Solar Cells	Monocrystalline Silicon HJ cells (size 158.75 x 158.75mm) with nano-wires technology	
Bending Radius	17.2 V	

WARRANTY PERIOD

10 Year Product and Performance Warrantly
(power output no less than 85% of the minmum Peak Power at STC)

CONTACT US

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Sustainable Homes
for your **Future**