



PERGOSOLAR (Confort & Harmony ranges)

BIOVOLTAÏC PERGOLAS

ENERGY PRODUCTION AND SOLAR PROTECTION

PERGOSOLAR ensures a high level of climatic and thermal comfort all year round. Wall mounted or free-standing PERGOSOLAR enables the creation of an additional living space or a sheltered parking space.

This innovative pergola has a waterproof and modular roof. You can choose from either an electricity-producing roof composed of photovoltaic panels, or the option to open-up the roof to provide ventilation whilst still shading your outdoor living space. This can be achieved with motorized adjustable blades. Depending on your requirements, you also have the possibility to combine one or more lines of photovoltaic panels with the roof blades to create a truly bespoke feel.



FEATURES AND OPTIONS CONFORT RANGE

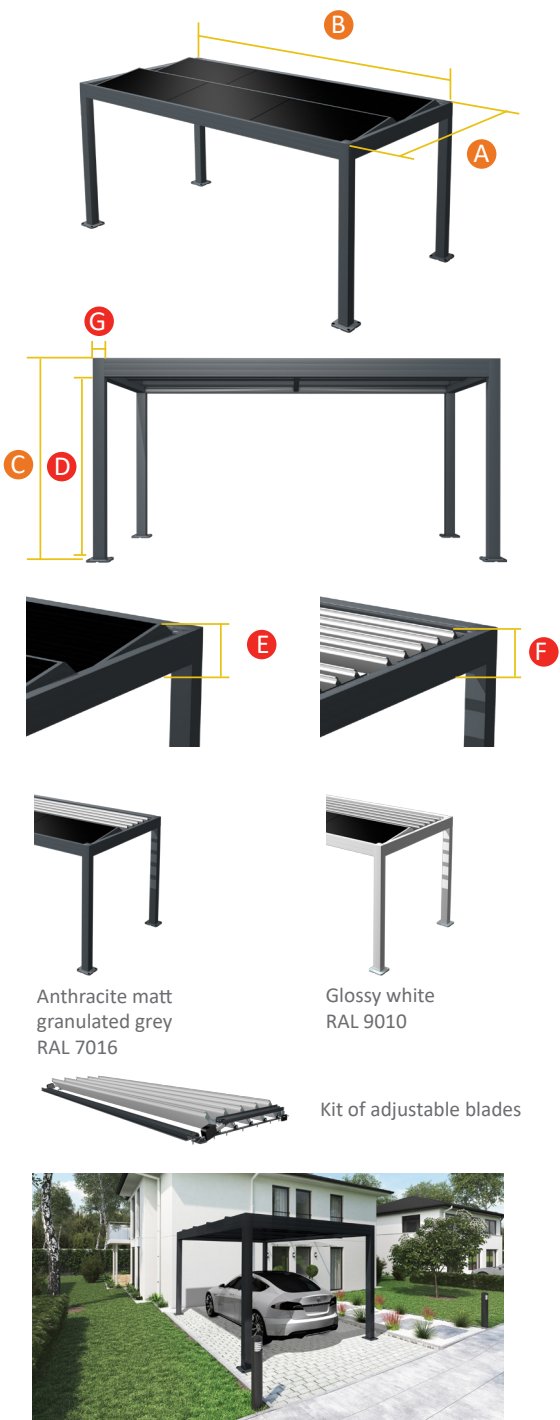
COMPATIBILITY WITH SOLAR PANELS
STANDARD SIZES ⁽¹⁾



Versions		2x2 panels	2x3 panels	3x2 panels	4x2 panels	3x3 panels	4x3 panels
Surface (sqm)		10	15	15	20	22	28
Width (mm)	A	2845	2845	4095	5345	4095	5345
Lengths (mm)	B	3676	5376	3676	3676	5376	5376
Height (mm)	C	2672	2672	2672	2672	2672	2672
Foot height (mm)	D	2400	2400	2400	2400	2400	2400
PV roof height (mm)	E	327	327	327	327	327	327
Height of the adjustable blades roof (mm)	F	347	347	347	347	347	347
Foot dimensions (mm)	G	150x150	150x150	150x150	150x150	150x150	150x150
Weight (2 feet)* (kg)		281	387	362	441	487	586
Weight (4 feet)* (kg)		321	427	402	481	527	626
Maximum number of PV panels		4	6	6	8	9	12
Maximum number of adjustable blades kit		2 X 	2 X 	3 X 	4 X 	2 X 	2 X 



⁽¹⁾ Photovoltaic modules not supplied in PERGOSOLAR kits. Compatible with framed photovoltaic modules with a length of: 1640 to 1700 mm, width: 962 to 1030 mm, thickness: 30 to 50 mm.



FEATURES AND OPTIONS HARMONY RANGE

COMPATIBILITY WITH SOLAR PANELS
LARGE SIZES ⁽²⁾



Versions	2x2 panels	2x3 panels	3x2 panels	4x2 panels	3x3 panels	4x3 panels
Surface (sqm)	12	17	17	22	24	32
Width (mm)	A 2981	2981	4299	5617	4299	5617
Length (mm)	B 3876	5676	3876	3876	5676	5676
Height (mm)	C 2672	2672	2672	2672	2672	2672
Foot height (mm)	D 2400	2400	2400	2400	2400	2400
PV roof height (mm)	E 327	327	327	327	327	327
Height of the adjustable blades roof (mm)	F 347	347	347	347	347	347
Foot dimensions (mm)	G 150x150	150x150	150x150	150x150	150x150	150x150
Weight (2 feet)* (kg)	290	404	377	461	510	626
Weight (4 feet)* (kg)	330	444	417	501	550	666
Maximum number of PV panels	4	6	6	8	9	12
Maximum number of adjustable blades kit	2 X	2 X	3 X	4 X	2 X	2 X

*The installation can be done in free standing (4 feet), wall mounted (2 feet), in side and depth junctions

Material

Structure : Aluminium 6063 T5

Fasteners : stainless steel

Blades : Extruded aluminium, alloy 6063

Powder-coated structure

Colours and options for the Confort & Harmony ranges

Colours

Anthracite matt granulated grey - RAL 7016



Glossy white - RAL 9010



Adjustable blades: RAL 9010



For other colours, please contact us

Standard equipment

Feet base



Dimensions : 300*300*230 mm
Colours availability:
RAL 7016 et 9010

Peripheral Strip LED



IP65 - Neutral white 3200 K
1050 Lumens / m - 4x5 m

Built-in WHITE LED spotlight

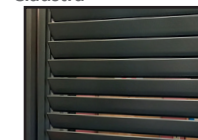


IP54 - Adjustable +/- 13°
Neutral white 3000 K
380 Lumens / m

Surrounding screen



Claustra



White polycarbonate plate
16 mm



Smartphone control



DAISY App
WIFI connection

Remote control to activate blades, screens and lighting (ON/OFF, with dimming facility)



* Weight of the structure alone (excluding modules and options)

⁽²⁾ Photovoltaic modules not supplied in PERGOSOLAR kits. Compatible with framed photovoltaic modules with a length of: 1740 to 1800 mm, width: 1030 to 1098 mm, thickness: 30 to 50 mm.

BENEFITS

DESIGN YOUR OWN ROOF



- The **photovoltaic roof**, for electricity generation. Slope of 7.5° for optimal energy efficiency.
- The **roof made of adjustable blades** to provide ventilation and days of sunshine management. Adjustable blades from 0° to 120° (Option available for 2x2, 2x3, 3x2 and 4x2 models)
- The **biovoltaic roof**, electricity generation, climatic and thermal comfort.

PERFORMANCE

- Slope of 7.5° for optimal energy efficiency

AESTHETIC

- Discreet fasteners
- Contemporary design
- Peripheral strip LED

VERSIONS



Wall mounted installation



Free standing installation



Side and depth junctions



RESISTANCE

- Maximum snow load : 180 kg/sqm
- Qualicoat and Qualmarine certified

PROMPT INSTALLATION

- Fully mechanical assembly method
- Ground mounting or concrete plate fixings
- Bolt anchoring

100 % WATER-TIGHTNESS

- Waterproof roof with water pipes for rain water harvesting via gutters and feet

Your nearest contact:

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