

SHADOW SOLAR EVOLUTION

PERGOLAS | CARPORTS - ENERGY PRODUCTION AND SOLAR PROTECTION



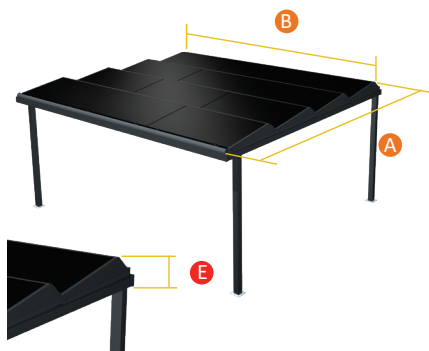
SHADOW SOLAR EVOLUTION is a range of pergolas and carports, 100% waterproof, designed for the production of electricity combined with shading to optimise your outdoors living space. Available with either 2 or 4 feet The SHADOW SOLAR EVOLUTION, meets all the requirements for residential and small commercial projects such as: terrace and patio shelters, pool house, car shelter...

Furthermore, the unique 7.5° slope shed configuration of the photovoltaic panels guarantees the best energy optimization.

Aesthetically pleasing, combined with energy performance.



FEATURES AND OPTIONS



Anthracite mat
RAL 7016

Glossy white
RAL 9010

Versions

		2x2 panels	4x2 panels	3x3 panels	4x3 panels
Surface (sqm)		9	18	20	27
Width (mm)	A	2655	5155	3905	5155
Length (mm)	B	3523	3523	5223	5223
Height (mm)	C	2728	2728	2728	2728
Foot height (mm)	D	2400 or 3500	2400 or 3500	2400 or 3500	2400 or 3500
PV roof height (mm)	E	323	323	323	323
Foot dimensions (mm)	F	100x100	100x100	100x100	100x100
Weight (2 feet) 2400 / 3500 mm* (kg)		141 / 150	230 / 239	264 / 273	329 / 338
Weight (4 feet) 2400 / 3500 mm* (kg)		168 / 186	257 / 275	291 / 309	356 / 374
Number of PV panels*		4	8	9	12
Wall installation (2 feet)		✓	✓	✓	✓
Island installation (4 feet)		✓	✓	✓	✓
Side junction		✓	✓	✓	✓
Maximum snow load (kg/sqm) - 4 feet		220	180	140	136

Material

Structure : Aluminium 6063 T5 Fasteners : stainless steel

Colors

Powder-coated and Qualicoat-certified structure

Anthracite matt granulated grey - RAL 7016



Glossy white - RAL 9010



Options

Built-in white LED spotlight

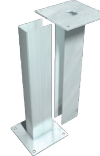


Ceiling



White polycarbonate plate 16 mm

Feet Base



Dimensions : 180*180*500 mm

Side junction kit



Spot LED: IP54 - Neutral white 3000 K, adjustable +/- 13° - 380 Lumens / m

Supply: IP 67 - 4.2 A / m - 24 V

Remote control with ON/OFF and variation of light intensity fonctions.

* Weight of the structure only (excluding panels and options)

* PV panels are not included with SHADOW SOLAR EVOLUTION kit. Compatible with framed panels with a length from 1640 to 1700 mm, width: 962 to 1030 mm, thickness: 30 to 50 mm. More information: www.mapergolasolaire.com.

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