

CATALOG

NAKED
SOLAR
POWER



VISION

We are committed to creating a future in which every human-inhabited space is characterized by architectures that meet its real needs and can establish a harmonious and symbiotic relationship with the surrounding world through intelligent design and the integration of clean energy sources. We envision a world where waste reduction, product durability, and their eco-sustainable nature form the foundations of a new way of inhabiting the planet.

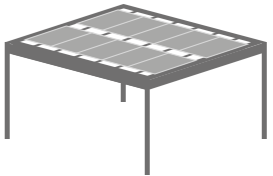
MISSION

Our identity is rooted in the area near Ferrara, a land of Renaissance culture, where human life is harmoniously intertwined with that of the land and its fruits. Our mission is to innovate tradition without disrupting its cornerstones, promoting harmony with nature by proposing ethical and human-centric solutions that can integrate renewable energy sources. Our goal is to provide intelligent, highly functional, and aesthetically satisfying solutions that give specific answers for individual needs, avoiding homogeneity.



SOLAR PERGOLA

N A K E D
S O L A R • P O W E R



Naked Solar Power is the Giulio Barbieri pergola designed to support photovoltaic panels. It meets the ever-increasing demand for autonomous and renewable energy production.

Naked serves a dual purpose as both a shading pergola and a structure capable of accommodating any type of photovoltaic panel currently available on the market.

The **Naked Solar Power** pergola can be complemented with optional features such as a waterproof sliding roof, LED lights, and perimeter enclosures.



5 REASONS TO CHOOSE NAKED SOLAR POWER



1 SUPPORT FOR PHOTOVOLTAIC

Naked Solar Power is an aluminum pergola designed to support photovoltaic panels of any type and size available on the market. You can optionally request the photovoltaic kit, which includes panels, inverters, and the battery storage pack.



2 WATERPROOF SLIDING CEILING

Naked Solar Power can be finished with an optional sliding PVC roof, which makes the pergola waterproof.



3 SNOW LOAD

Naked Solar Power, whose maximum dimensions are 600 x 500 cm, is able to withstand a snow load of 48 daN/m² for the standard version and 150 daN/m² for the reinforced version.



4 EASY TO ASSEMBLE

Ease of installation translates into overall savings for the end user, which represents value for money.



5 DOESN'T REQUIRE MAINTENANCE

Naked Solar Power's simplified structure is built to allow cleaning and maintenance of its aluminum profiles and the roof, in case it is in the presence of trees and plants that lose their foliage during the winter season.





TECHNICAL DETAILS



STRUCTURE'S COLOR

Smooth finish

● Special Grey

Matt-Rough finish

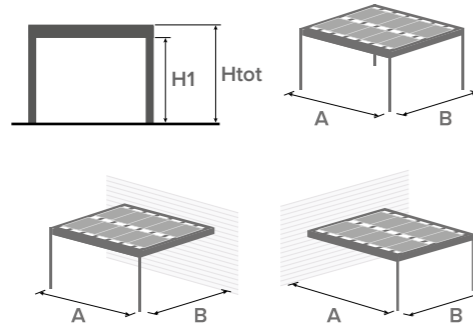
○ White Matt

● Dove-Grey Matt

● Dark-Brown Matt

Further RAL colours available in both matt and glossy smooth finish

STRUCTURE DIMENSIONS



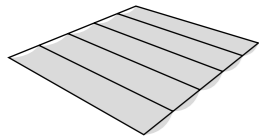
A (cm)	B (cm)	H1 (cm)	Htot (cm)
400	500	230	266
		290	326
450	500	230	266
		290	326
500	500	230	266
		290	326
550	500	230	266
		290	326
600	500	230	266
		290	326



OPTIONALS

FALSE CEILING

False ceiling sliding PVC sheet



STRUCTURE'S COLOURS

Smooth finish

● Special Grey

Matt-Rough finish

○ White

● Dove-Grey

● Dark-Brown

Further RAL colours available in both matt and glossy smooth finish

STANDARD SHEETS COLOURS

○ White

● Grey

● Champagne

● Dove-Grey

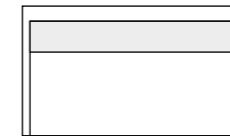
More colors available upon request

PVC TYPES

Precontraint 602 blackout

PVC WALL

Vertical zipper closure



STRUCTURE'S COLORS

Smooth finish

● Special Grey

Matt-Rough finish

○ White

● Dove-Grey

● Dark-Brown

Further RAL colours available in both matt and glossy smooth finish

STANDARD SHEET COLORS

○ White

● Grey

● Champagne

● Dove-Grey

More colors available upon request

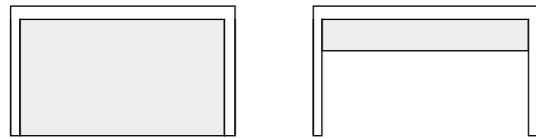
PVC TYPES

Cristalplus 500

Soltis W96

Precontraint 502

VOK WALL
Roller blind closure



GLASS SHUTTER
Sliding glass door closure



STANDARD COLORS OF FIXING PLATES, TERMINAL, AND BOTTOM FIXINGS

Smooth finish

● Special Grey

Matt-Rough finish

○ White

● Dove-Grey

● Dark-Brown

Further RAL colours available in both matt and glossy smooth finish

STANDARD SHEET COLORS

○ White

● Grey

● Champagne

● Dove-Grey

More colors available upon request

PVC TYPES

Soltis 96

STRUCTURE'S COLORS

Smooth finish

● Special Grey

Matt-Rough finish

○ White

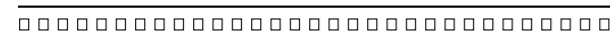
● Dove-Grey

● Dark-Brown

Further RAL colours available in both matt and glossy smooth finish

LIGHTING

Strip LED

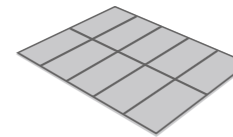


LED'S COLOURS

- Natural white
- Natural white + RGB
- RGB

PHOTOVOLTAIC KIT

Kit prepared for storage batteries



The Kit includes:

- 8, 10, or 12 photovoltaic panels (depending on the required system power, compatible with the structure's surface as indicated in the adjacent table).
- Hybrid inverter with a nominal power of 4 kW.
- 4G Kit with USB for remote monitoring.
- Additional 5 kWh battery pack.

A (cm)	B (cm)	H1 (cm)	Htot (cm)	PHOTOVOLTAIC KIT (kW)		
				3,06	4,08	5,10
400	500	230	266	•		
		290	326			
450	500	230	266	•		
		290	326			
500	500	230	266	•	•	
		290	326			
550	500	230	266	•	•	
		290	326			
600	500	230	266	•	•	•
		290	326			

WARRANTY AND QUALITY

The products are CE certified. The booklet with the Declaration of Performance (DOP) accompanies the product until its installation is completed.

Fireproofing certificates are supplied for each type of tarp.

The structures are structurally tested and comply with the loads required by current legislations EN 13782, DM 17 January 2018 Technical Standards for Buildings (Norme Tecniche per le Costruzioni) NTC 2018 and UNI EN 1991

The structural elements made of aluminum are covered by a 5-year guarantee*

Since 1990, we design and industrialize our collections completely in Italy, at the Poggio Renatico plants.

* For further details about the warranty please see the terms and conditions of sale Giulio Barbieri S.r.l. indicated in the official price list.

CONTACTS

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ADERENTE A
**CONFINDUSTRIA EMILIA
AREA CENTRO**
Le imprese di Bologna,
Ferrara e Modena

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