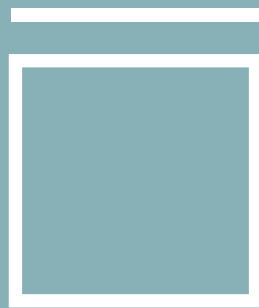


CATALOG

ECLETTICA  
S O L A R  
P O W E R



## **VISION**

With our range of products, we are specifically focusing on the ecological aspects connected to a new lifestyle, where the outdoors symbolize being in touch with nature, where boundaries disappear and change. Our systems, working with renewable energy sources, are a valid answer to the need to preserve the world that we share with all living beings, to respect it and to keep it untouched.

## **MISSION**

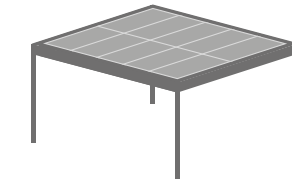
The legacy we have been carrying on for over thirty years is a centuries-old tradition, strongly connected to the Earth and its bounty. Our mission is loyal to the spirit of cultivating, ploughing, manuring, watering, and harvesting. Faithful to our model, we cultivate human relationships and coordinate production with harvest seasons – just as it happens in nature. This modus operandi helped us to create a design tailored to evolving markets, and consolidating an organic, consistent set of corporate ethics that creates value and opportunity.





ISOTHERMAL PERGOLA

# ECLETTICA SOLAR POWER



A pergola can be used not only for recreational purposes but as a functional solution to reduce the energy consumption of one's family or business; yet, traditional pergolas ignore this opportunity. Thanks to photovoltaic modules, the solar pergola Eclética Solar Power offers the opportunity to use sunlight as a source of clean energy production. Eclética Solar Power is an isothermal, waterproof, sound-absorbing and snow load resistant pergola: a new solution to respond to a growing and unstoppable green sensibility, combined with the search for environmental, acoustic, thermal and visual comfort that satisfies all the senses, at a price you don't expect.







# 5

## REASON TO CHOOSE NAKED SOLAR POWER



### 1 DOUBLE SAVING

Eclectica Solar Power guarantees double savings, starting with energy: strong with the advantage offered by the integrated photovoltaic kit, it allows for energy self-sufficiency, with the possibility of storage and no waste; as a result, there will be no perceived increases due to rising utility bills and raw materials.



### 2 WATERPROOF

The roof is made up of new-generation panels that provide wind resistance and waterproofing.



### 3 INSULATION

The Eclectica Pergola is insulated because it provides thermal protection in both summer and winter. Both panels are characterized by low thermal transmittance values, which guarantee maximum comfort in all seasons.



### 4 SNOW LOAD

The Pergola Eclectica, whose maximum dimensions are 600 x 500 cm, is able to withstand a snow load of 30 daN/m<sup>2</sup> for the standard version and 100 daN/m<sup>2</sup> for the reinforced version.



### 5 ACOUSTIC COMFORT

Eclectica's roofing system offers an optimal solution to minimize reverberation and block sound waves. The rock mineral wool panel provides acoustic comfort and reverberation control.







**TECHNICAL DETAILS**



**STRUCTURE'S COLOR**

Smooth finish

● Special Grey

Matt-Rough finish

○ White

● Dove-Grey

● Dark-Brown

Further RAL colours available in both matt and glossy smooth finish

**ROOFING SHEET'S MATERIALS AND COLORS**

○ White

● Grey

● Champagne

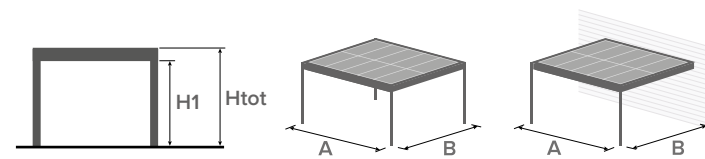
● Dove-Grey

More colors available upon request

**PVC TYPES**

Soltis 96

## STRUCTURE DIMENSIONS



A (cm)	B (cm)	H1 (cm)	Htot (cm)	Photovoltaic system (kW)		
				3,06	4,08	5,10
400	500	240	266	•		
		300	326			
450	500	240	266	•		
		300	326			
500	500	240	266	•	•	
		300	326			
550	500	240	266	•	•	
		300	326			
600	500	240	266	•	•	•
		300	326			

## THE PHOTOVOLTAIC SYSTEM



**HYBRID PHOTOVOLTAIC INVERTER**

Rated power 4 kW  
10 years warranty



**4G EXTERNAL INVERTER KIT FOR REMOTE CONTROL**

Integrated antenna.  
Mobile network data traffic prepaid for 10 years.  
Software APP for basic access fee to monitoring platform included.  
10-years warranty.



**PHOTOVOLTAIC PANELS**

132-cell half-cut BBO 500-510 Wp monocrystalline modules.  
85 % linear power output warranty until the end of the 25th calendar year.  
15-years warranty.



**5 KWH BATTERY PACK**

Lithium iron phosphate technology battery pack.  
10 years warranty

### OPTIONAL

**OPTIONAL - ADDITIONAL 5 KWH BATTERY PACK**

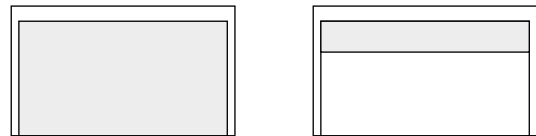
Eclettica Solar Power offers a highly efficient storage system designed for domestic security. The solar pergola Eclettica Solar Power adopts a hybrid inverter to which it is possible to connect several external 5 kWh lithium-iron-phosphate battery pack capable of guaranteeing 10,000 discharge and charge cycles while maintaining a residual capacity of 70%, a reduced hazard in the event of house fires, and environmentally friendly technology.



# OPTIONALS

## 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

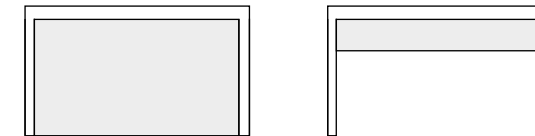
Cristalplus 500

Soltis W96

Precontraint 502

## VOK WALL

Roller blind closure



### 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

**PVC WALL**

Vertical zipper closure

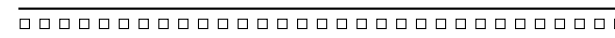


**STANDARD PROFILE COLORS**

- White
- Brown
- Sand
- Anthracite

**LIGHTING**

Strip LED



**LED'S COLORS**

- Natural white
- RGB
- Natural white + RGB



## **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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