



The world's first foldable solar canopy.  
Delivering over 1000W of clean energy to  
power your off-grid adventures.

# SOLAR CANOPY



**CAMPING-ENJOY**  
**UNLIMITED CAMPING TIME**





Model Name	SC-12	SC-18
Solar Power (W)	400W	600W
Volume (m <sup>2</sup> )	2.65m <sup>2</sup>	3.99m <sup>2</sup>
Single Solar Panel Data		
Peak Voltage (V)	34.2V	34.2V
Peak Current (A)	5.85A	5.85A
Peak Power (W)	200W	200W
Open Circuit Voltage (V)	41V	41V
Short Circuit Current (A)	6.26A	6.26A
Dimensions (mm)	2150mm*613mm	2150mm*613mm
Weight (kg)	≈7.16kg	≈7.16kg
Cell Efficiency	23%	23%
Connection	2P	3P
Environmental Parameters		
Power Temperature Coefficient	-0.35%/K	-0.35%/K
Voltage Temperature Coefficient	-0.28%/K	-0.28%/K
Current Temperature Coefficient	+0.0.3%/K	+0.0.3%/K
Installation Environment	Outdoors	Outdoors
Structural Parameters		
Dimensions (W*L*H)	1260x1830x2200mm	1890x1830x2200mm
Weight (kg)	≈14.6kg	≈21.9kg

#### 1.2\*Product Accessories



1\*Packing Bag



8\*Guy Rope



4\*Canopy Rod Holder



16\*Ground Stakes

#### 1.8\*Product Accessories



1\*Packing Bag



8\*Guy Rope



4\*Canopy Rod Holder



16\*Ground Stakes

#### Product Portfolio



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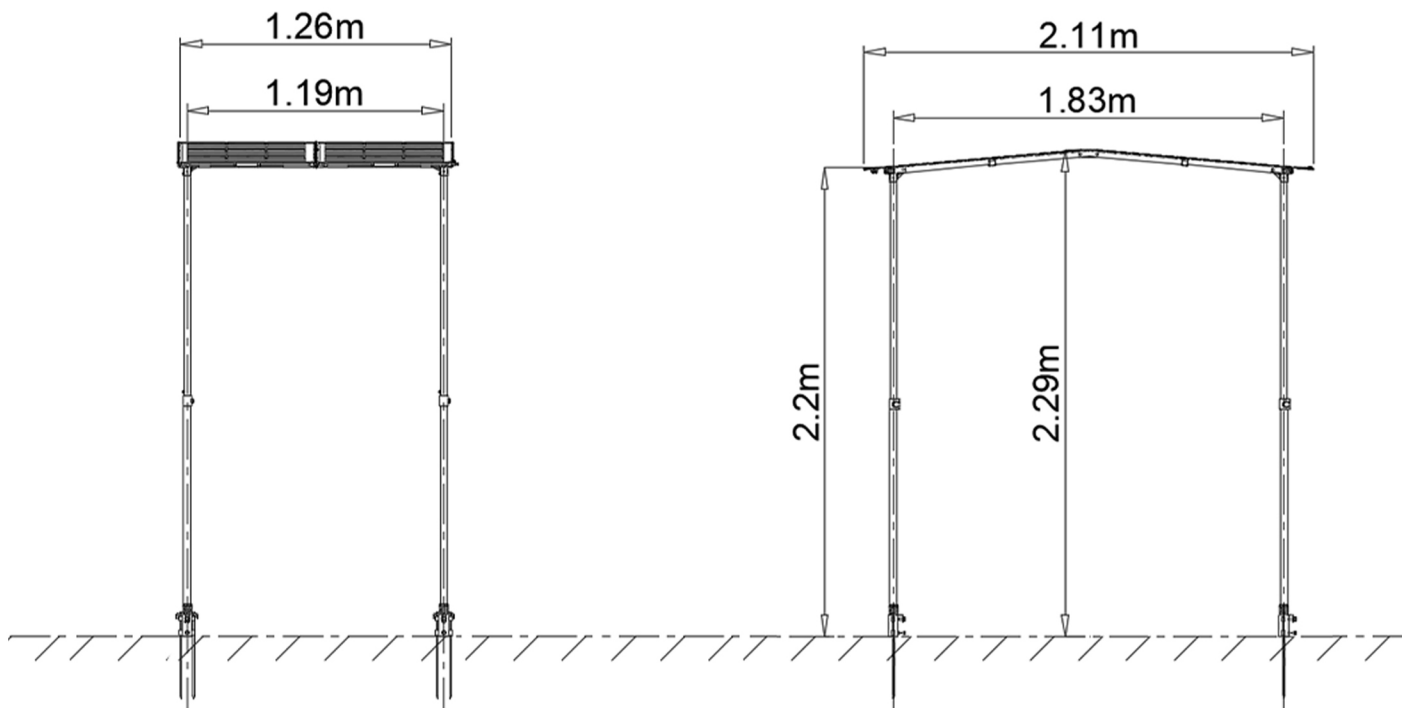
#### Product Portfolio



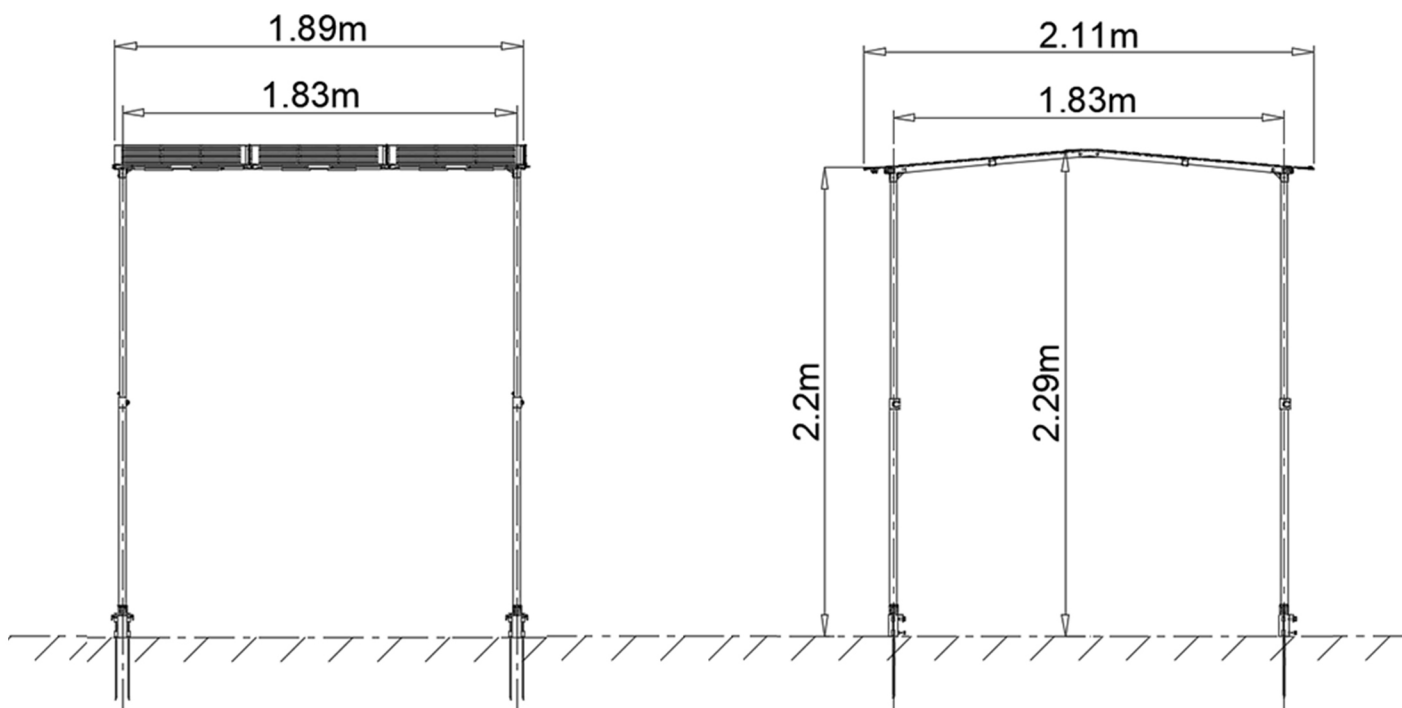
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## SC-12



## SC-18







Model Name	SC-24	SC-36
Solar Power (W)	800W	1200W
Volume (m <sup>2</sup> )	5.39m <sup>2</sup>	8m <sup>2</sup>
Single Solar Panel Data		
Peak Voltage (V)	34.2V	34.2V
Peak Current (A)	5.85A	34.2V
Peak Power (W)	200W	200W
Open Circuit Voltage (V)	41V	41V
Short Circuit Current (A)	6.26A	6.26A
Dimensions (mm)	2150mm*613mm	2150mm*613mm
Weight (kg)	≈7.16kg	≈7.16kg
Cell Efficiency	23%	23%
Connection	4P	6P
Environmental Parameters		
Power Temperature Coefficient	-0.35%/K	-0.35%/K
Voltage Temperature Coefficient	-0.31%/K	-0.31%/K
Current Temperature Coefficient	+0.0.3%/K	+0.0.3%/K
Installation Environment	Outdoors	Outdoors
Structural Parameters		
Dimensions (W*L*H)	2530x1830x2200mm	3800x1830x2200mm
Weight (kg)	≈29.2kg	≈43.8kg

#### 2.4\*Product Accessories



1\*Packing Bag



10\*Guy Rope



6\*Canopy Rod Holder



22\*Ground Stakes

#### 3.6\*Product Accessories



2\*Packing Bag



10\*Guy Rope



6\*Canopy Rod Holder



22\*Ground Stakes

#### Product Portfolio



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#### Product Portfolio

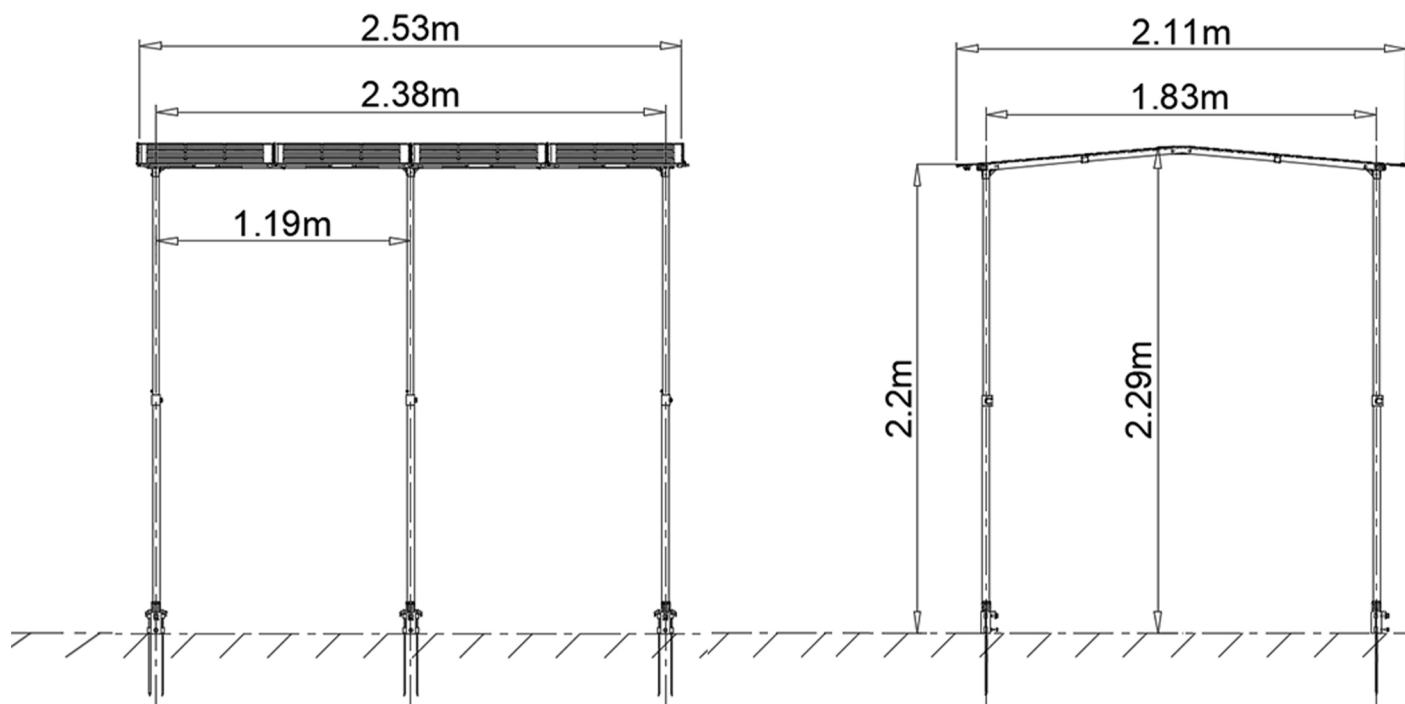


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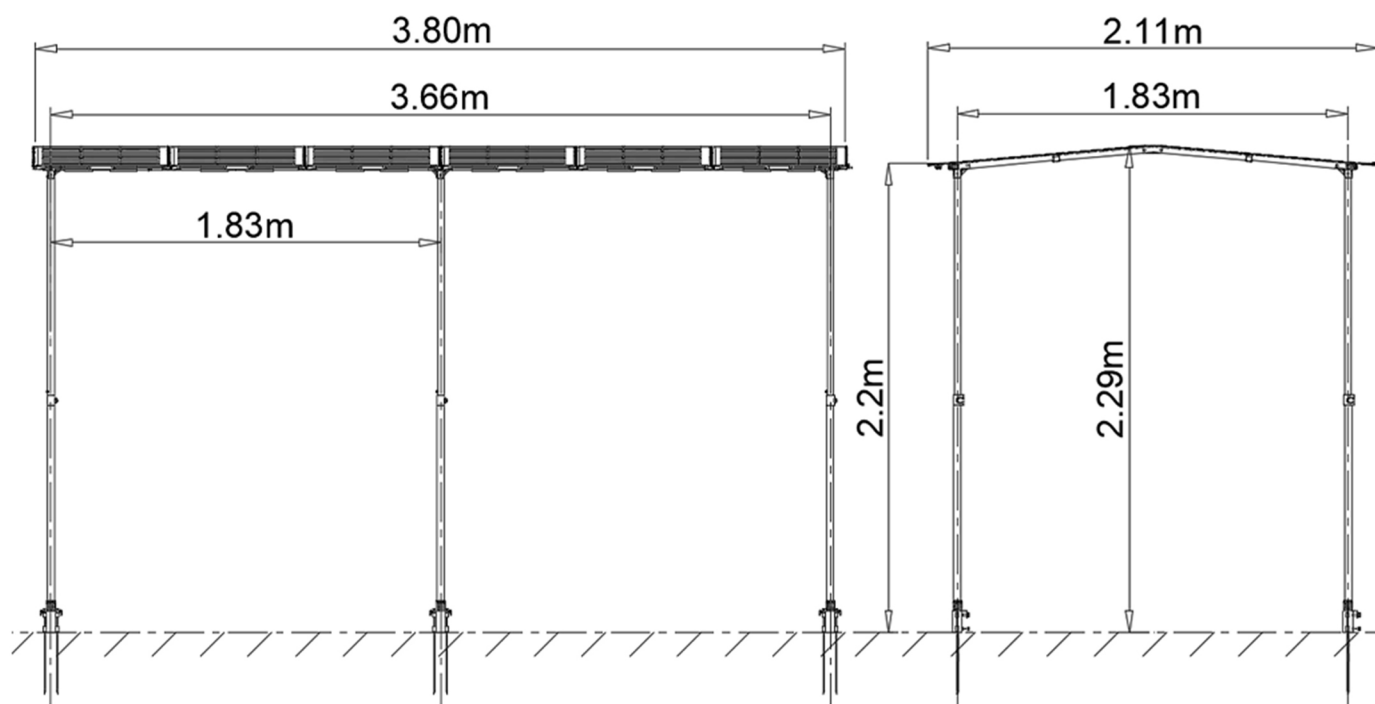




## SC-24

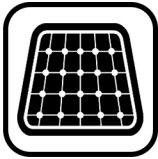


## SC-36



# Robust Panel Design

This solar canopy features rugged solar panels designed for superior performance and durability. They also constructed from traditional solar materials, these panels offer exceptional shade tolerance and are built to last for years.



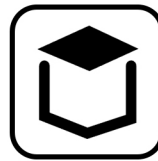
Flexible monocrystalline solar cells with pet laminated surface. 23% hain via optimized charge curve



Modular design  
very easy to install and remove



Modular frame structure and offers two material options—aluminum alloy and stainless steel—to meet different needs



Solar canopy  
freedom comes in all sizes



Suitable for all kinds of weather  
only by creating your own way of playing  
can you be free in nature and truly relax



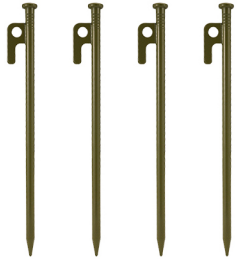
Waterproof and durable for  
lasting performance

## Application Scenario



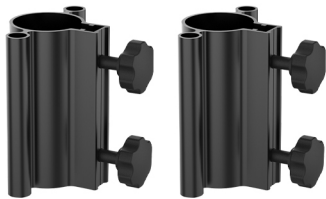


## Optional Accessories



### Ground Stakes

Ground stakes are key tools to ensure that the solar canopy is stable, windproof, and adaptable to different terrains. They can effectively improve the comfort and safety of outdoor activities.



### Canopy Rod Holder

The rod holder is used to stabilize the solar canopy, prevent it from being blown or shifted by the wind, adjust the tension to ensure flatness, protect the structure to reduce wear, improve safety, and extend service life.



### Canopy

Extend the shade range and improve outdoor comfort. Additional curtains provide you with all-round sun protection, creating a more private and cool leisure space.



### Portable All-in-one Machine

Under the sun, energy is unlimited. portable power accessories allow the solar canopy to power you anytime and anywhere, allowing you to enjoy a green energy life.



# Wistek Energy



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Product brochure