

SOLAR CANOPY

Camping - Enjoy Unlimited Camping Time

PRODUCT MANUAL



HIGH EFFICIENCY POWER GENERATION

Efficient solar energy
stable panel
and consistent output



SUN SHADE PROTECTION

Large coverage for
excellent sun protection
and a cooler experience



STURDY DURABLE

Premium structure
design for enhanced
wind resistance



QUICK & EASY INSTALLATION

Modular design for
fast setup and
convenient storage

Shenzhen Wistek Energy Co.,Ltd.

Green Energy and Power Conservation

We promote economic development and improve lives through sustainable energy.

By designing accessible, eco-friendly, efficient products.



Shenzhen Wistek Energy Co.,Ltd.

Green Energy and Power Conservation

We bring sustainable energy to every outdoor moment — from family gatherings on the patio to solo expeditions off the grid.



Shenzhen Wistek Energy Co.,Ltd.

Green Energy and Power Conservation

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



Shenzhen Wistek Energy Co.,Ltd.

Green Energy and Power Conservation

We make off-grid energy simple and accessible, so you can enjoy reliable power wherever you go.



Shenzhen Wistek Energy Co.,Ltd.

Green Energy and Power Conservation

We help you reduce your carbon footprint and your electricity bills — all from the comfort of your own backyard or campsite.



Solar Canopy

400W | SC-12 600W | SC-18

800W | SC-24 1200W | SC-36

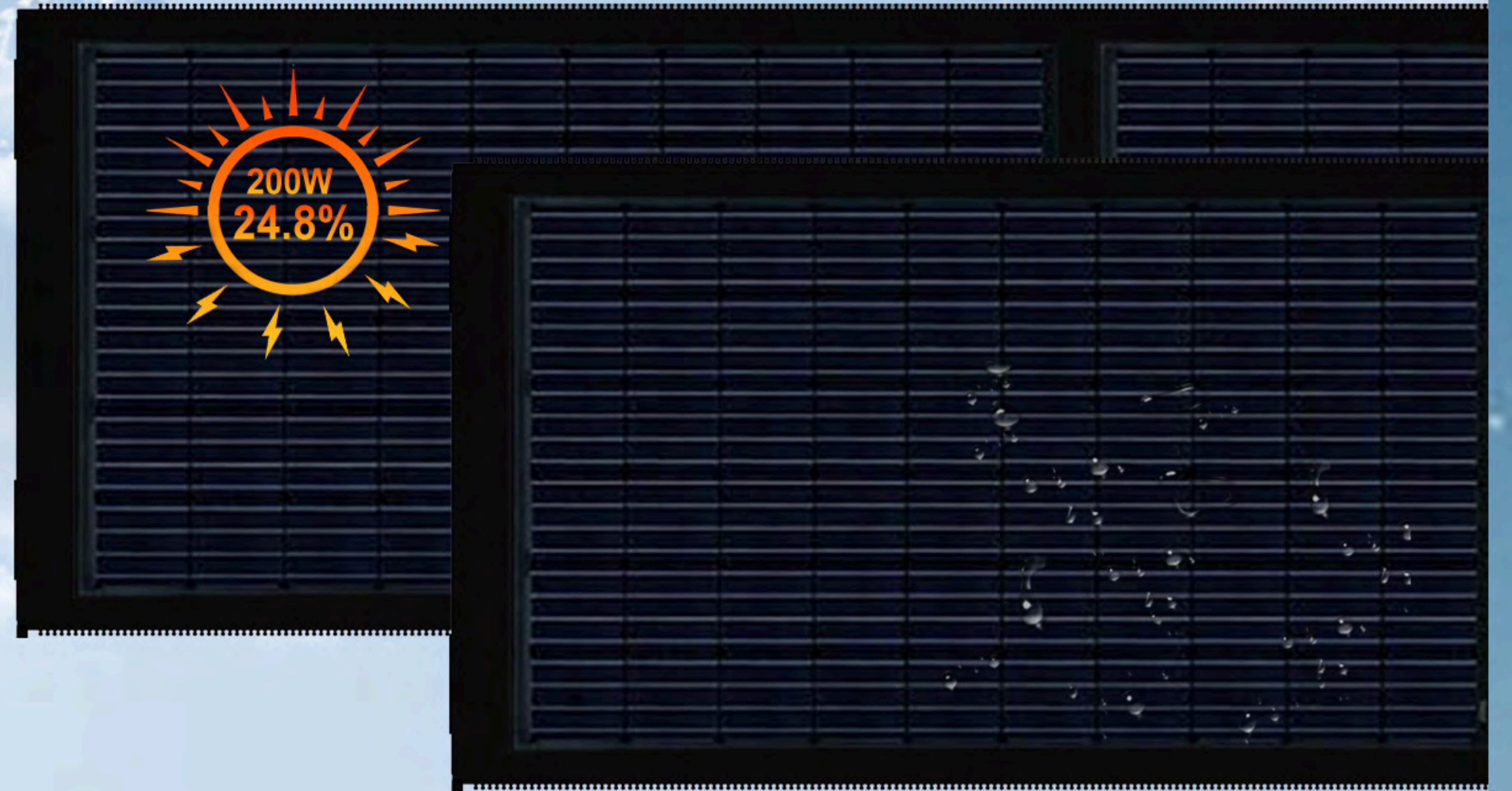
SC Series



Solar Canopy

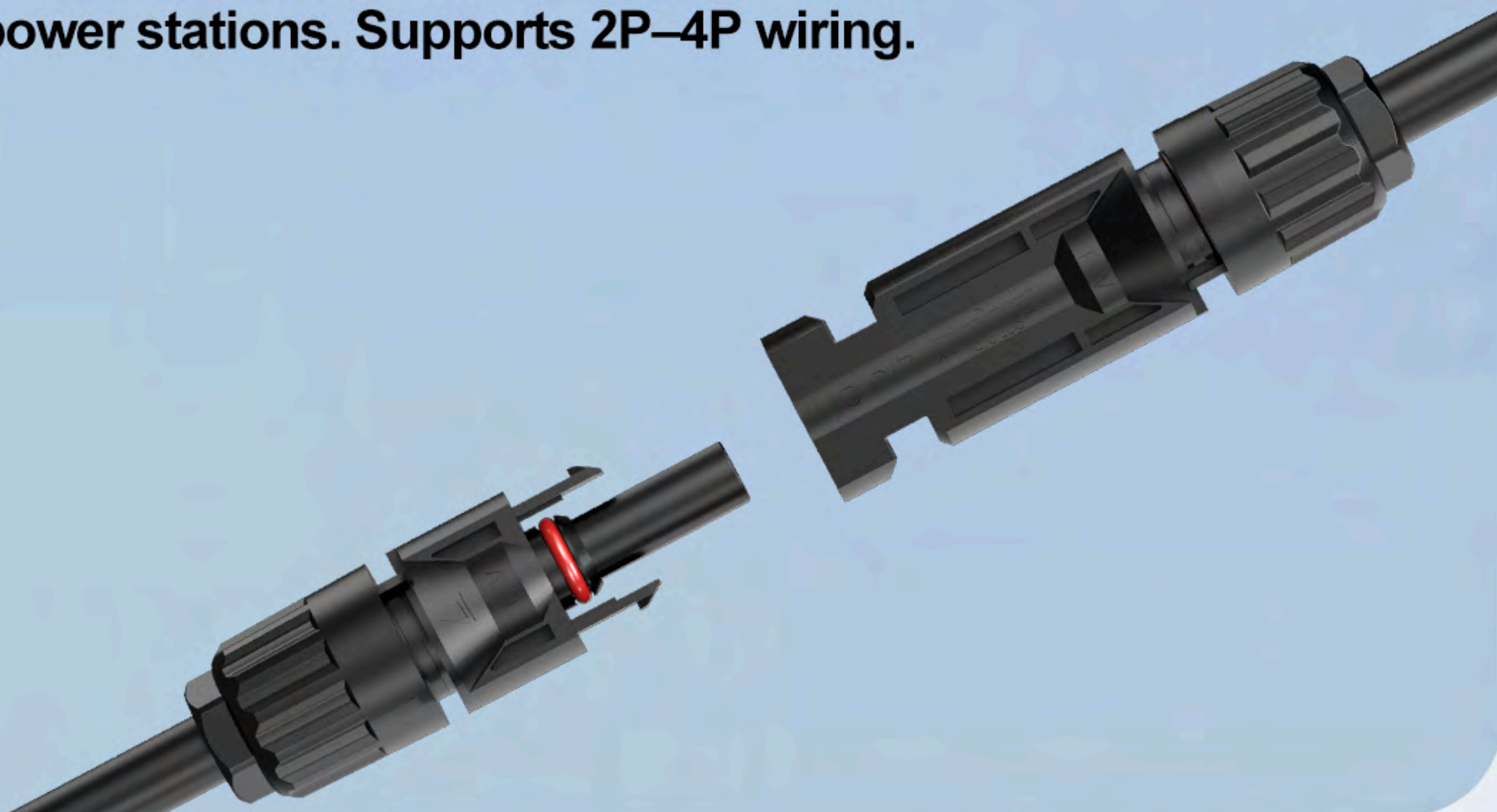
24.8% Record Efficiency

3% more power per m² than market standards.
Maximize yield in any footprint.



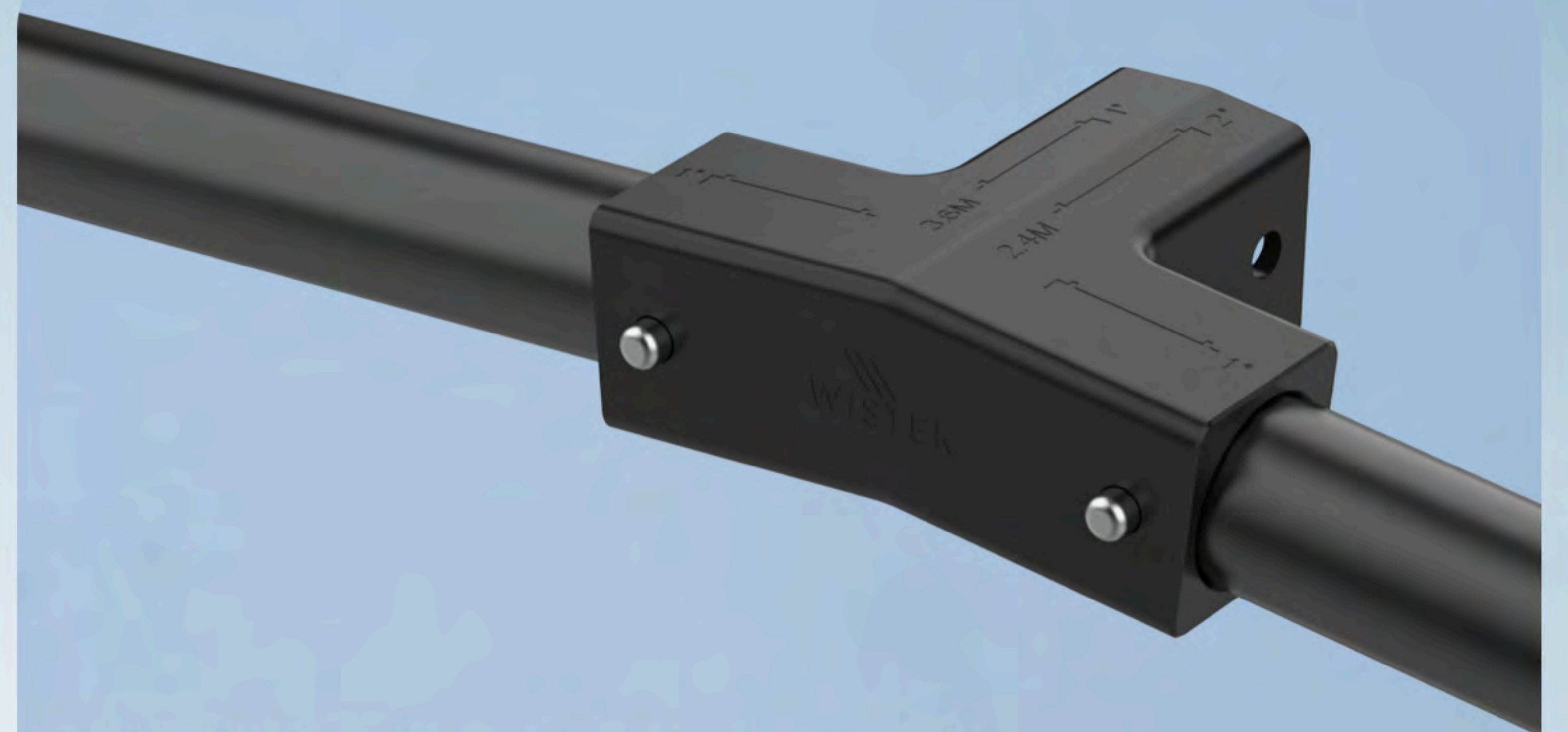
Universal MC4 Standard

Plug-and-play with all major portable power stations. Supports 2P–4P wiring.



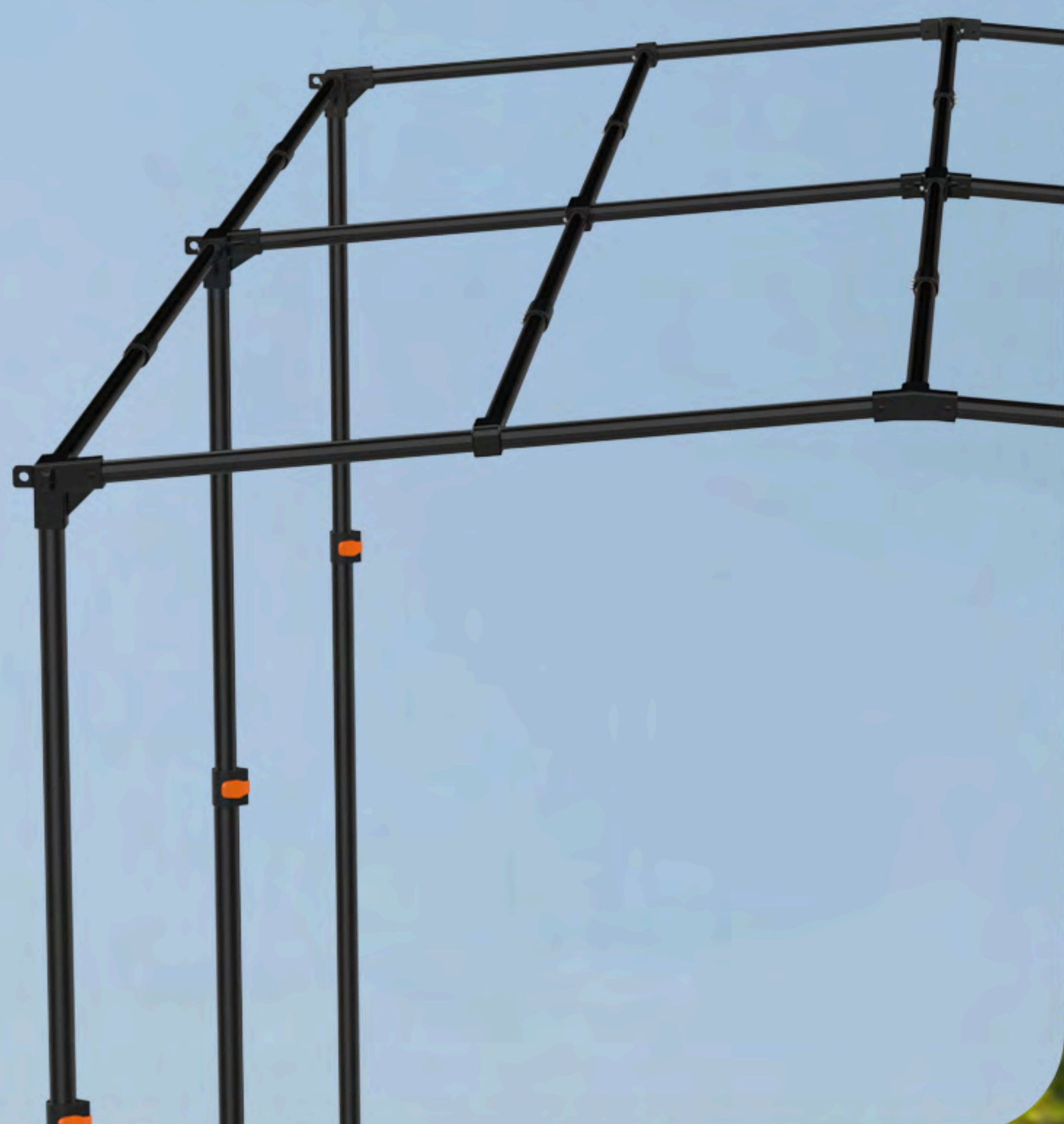
45-Min Tool-Free Setup

Patented snap-lock design. Zero tools required.
Easy 1–2 person assembly.



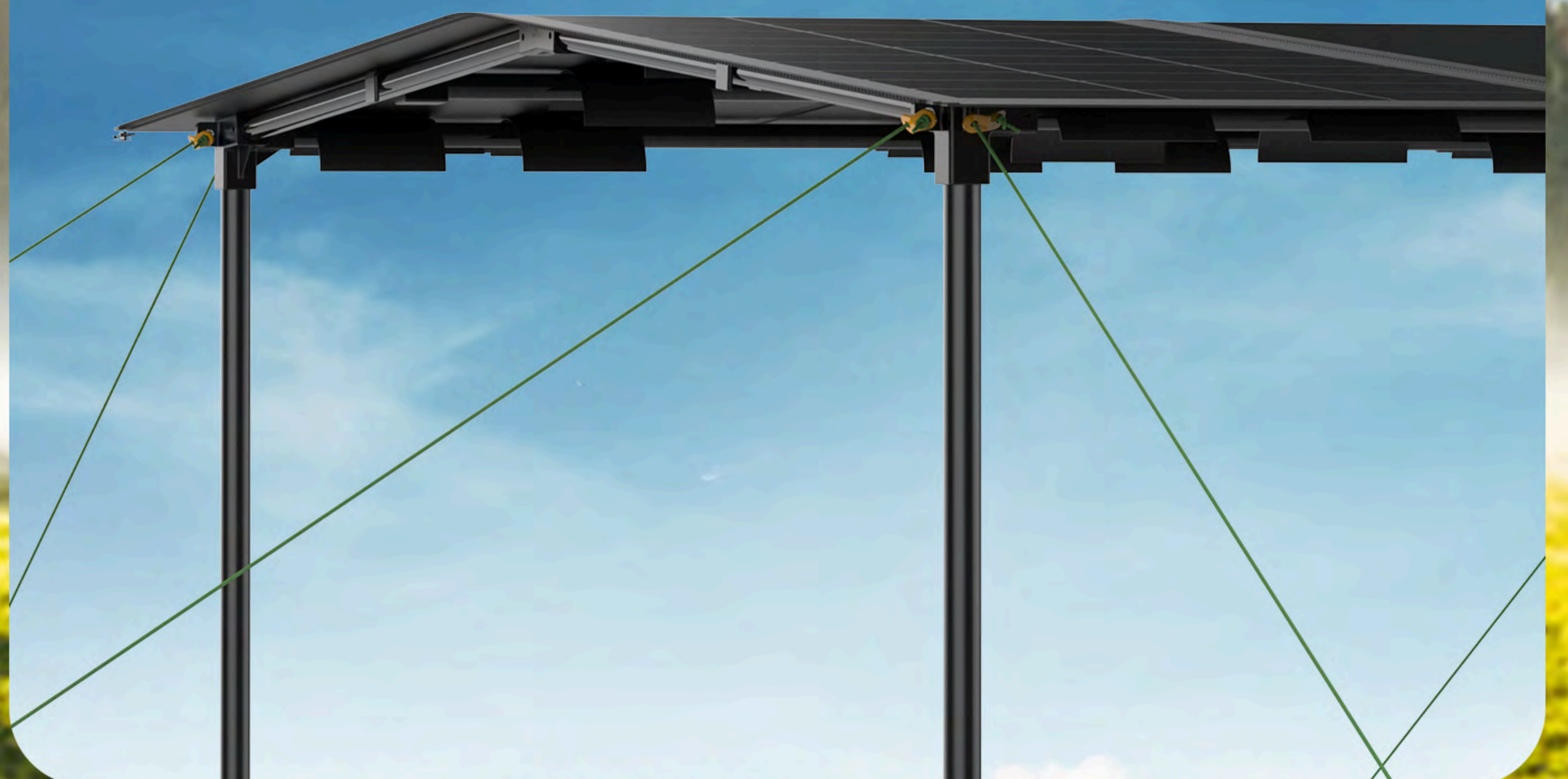
Marine-Grade Durability

Anodized aluminum & stainless steel. 5-year structural warranty.



3-in-1 Smart Design

Integrated solar roof: High-output generation
+ UV & rain protection.



Power Station

3kWh Power Station
3kWh Extra Battery

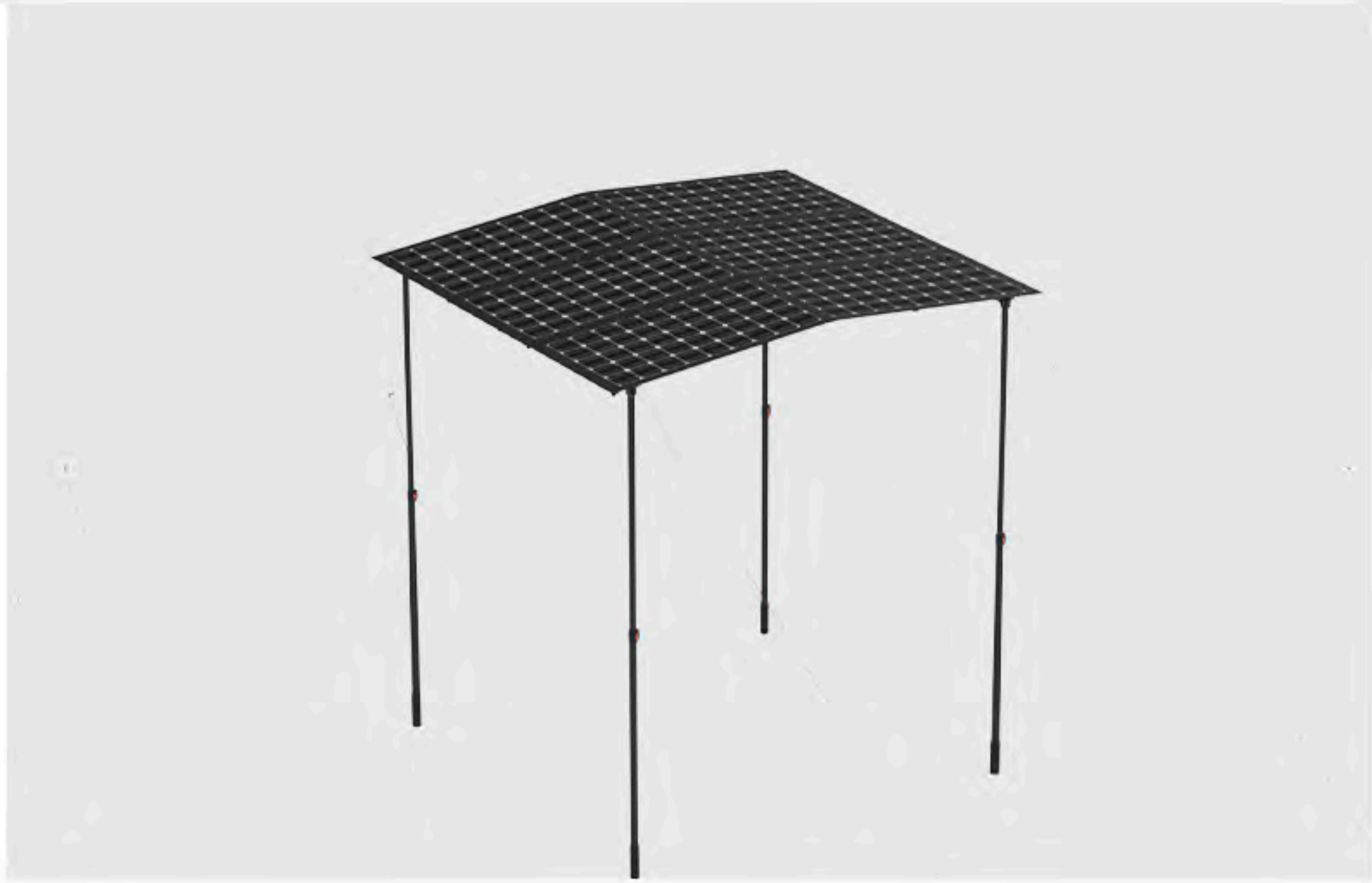
Flex Series



RECOMMEND COMB

Solar Canopy	Power	Power Station	Charging Time
SC-12	400W	2kWh	5 hours
SC-18	600W	3kWh	5 hours
SC-24	800W	4kWh	5 hours
SC-36	1200W	6kWh	5 hours



Solar Canopy		
	SC-12	SC-18
Solar Power (W)	400W	600W
Volume (m²)	2.65m²	3.99m²
Single Solar Panel Data		
Peak Voltage (V)	36V	36V
Peak Current (A)	5.55A	5.55A
Peak Power (W)	200W	200W
Open Circuit Voltage (V)	43.2V	43.2V
Short Circuit Current (A)	6.41A	6.41A
Dimensions (mm)	2120mm*635mm	2120mm*635mm
Weight (kg)	≈5.5kg	≈5.5kg
Cell Efficiency	24.8%	24.8%
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	1860x1830x2200mm
Weight (kg)	≈14.6kg	≈21.9kg

Solar Canopy		
	SC-24	SC-36
Solar Power (W)	800W	1200W
Volume (m²)	2.65m²	3.99m²
Single Solar Panel Data		
Peak Voltage (V)	36V	36V
Peak Current (A)	5.55A	5.55A
Peak Power (W)	200W	200W
Open Circuit Voltage (V)	43.2V	43.2V
Short Circuit Current (A)	6.41A	6.41A
Dimensions (mm)	2120mm*635mm	2120mm*635mm
Weight (kg)	≈5.5kg	≈5.5kg
Cell Efficiency	24.8%	24.8%
Connection	2S2P	3S2P
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)	2530x1830x2200mm	3800x1830x2200mm
Weight (kg)	≈29.2kg	≈43.8kg



Wistek Energy



Shenzhen Wistek Energy Co.,Ltd.
F3,Blg6,JinHuaFa Industrial Area,Shenzhen,China
+86-181 0027 4609
info@wis-tek.com

www.wis-tek.com



Official Website



Installation Guide