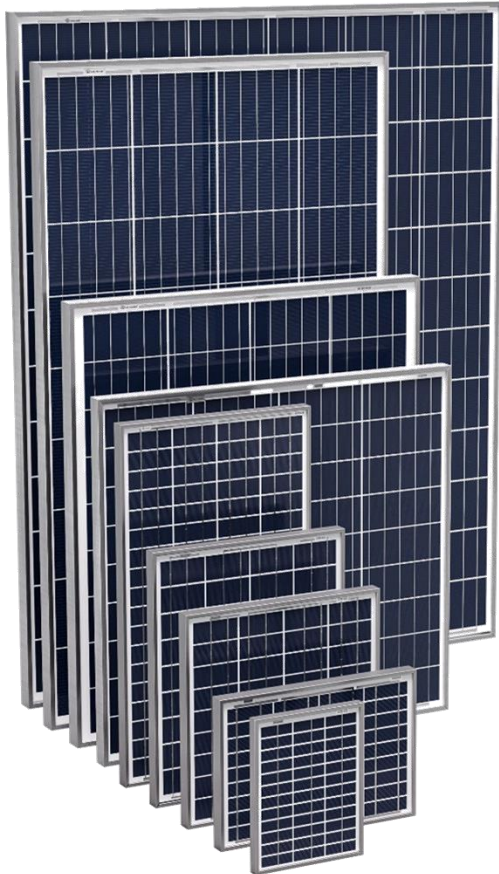


SOLARPOWER™ Series. Paneles solares fotovoltaicos de alta eficiencia para carga de baterías.



SOLARPOWER™ Series - XUNZEL

Paneles Solares Fotovoltaicos de alto rendimiento para carga y mantenimiento de baterías en sistemas aislados e híbridos.

Con cable solar premontanos.

Características

- **Diseñados especialmente para carga y mantenimiento de baterías** con la máxima eficiencia. Diseñados para sistemas aislados Off-Grid y Off-Shore y sistemas de respaldo.
- **Materiales de alta calidad**, fiabilidad y excelente rendimiento para todas las condiciones climáticas.
- **Cable solar incluido y preinstalado.** No es necesario adquirir el cable por separado. Reduce el riesgo de errores.
- **Fácil de instalar y listo para conectar** directamente al controlador de carga solar. Seguro.
- **Robustos, Delgados y Ligeros.**
- **Caja de conexiones estanca y resistente a la intemperie.** Protege las conexiones eléctricas.
- **Fácilmente Ampliables.** Se pueden conseguir sistemas de mayor potencia fácilmente conectando más paneles en paralelo (para más corriente) o en serie (para más voltaje).
- **Células Solares Fotovoltaicos de muy alta eficiencia** y calidad de silicio cristalino (c-Si). Con **Tolerancia Positiva.**
- **Vidrio frontal solar reforzado** de alta resistencia y seguridad, purificado, templado y laminado.
- **Marco de aluminio anodizado** de alta durabilidad y grado marino.
- **100% de los paneles probados y testados** (Flash-Test y EL)
- **Embalaje individual y seguro.** Listo para transportar a cualquier lugar.



SOLARPOWER 5W -> 30W | 12V
incluye 2m



SOLARPOWER 60W -> 190W
incluye 4m cable (2-cables)



SOLARPOWER 20W-24V y 30W-24W con soporte integrado y 4m. de cable.



Modelos

SOLARPOWER	5W 12V con cable preinstalado 200cm
SOLARPOWER	10W 12V con cable preinstalado 200cm
SOLARPOWER	15W 12V con cable preinstalado 200cm
SOLARPOWER	20W 12V con cable preinstalado 200cm
SOLARPOWER	20W 24V con cable preinstalado 400cm + soporte U integrado
SOLARPOWER	30W 12V con cable preinstalado 200cm
SOLARPOWER	30W 24V con cable preinstalado 400cm + soporte U integrado
SOLARPOWER	60W 12V con cable preinstalado 400cm
SOLARPOWER	80W 12V con cable preinstalado 400cm
SOLARPOWER	120W 12V con cable preinstalado 400cm
SOLARPOWER	100W 24V con cable preinstalado 400cm
SOLARPOWER	185W 24V con cable preinstalado 400cm
SOLARPOWER	190W 12V con cable preinstalado 400cm

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SOLARPOWER™ Series. Paneles solares fotovoltaicos de alta eficiencia para carga de baterías.

Specifications

Model	SOLARPOWER-5W - 12V	SOLARPOWER-10W - 12V	SOLARPOWER-15W - 12V	SOLARPOWER-20W - 12V	SOLARPOWER-20W - 24V	SOLARPOWER-30W - 12V	SOLARPOWER-30W - 24V	SOLARPOWER-60W - 12V	SOLARPOWER-80W - 12V	SOLARPOWER-100W - 24V	SOLARPOWER-120W - 12V	SOLARPOWER-185W - 24V	SOLARPOWER-190W - 12V
Code Order Part Number	SOLZTK5	SOLZTK10	SOLZTK15	SOLZTK20	SOLZTK2024Y	SOLZTK30	SOLZTK3024Y	SOLZTK60	SOLZTK80	SOLZTK10024	SOLZTK120	SOLZTK185	SOLZTK190
Maximum Power P _{max} [Wp]	5	10	15	20	20	30	30	60	80	100	120	185	190
Nominal Voltage [VDC]	12	12	12	12	24	12	24	12	12	24	12	24	12
Open Circuit Voltage VOC [VDC]	21.20	21.20	22.00	21.20	43.20	22.00	43.20	20.20	23.00	44.95	23.80	47.55	23.60
Maximum Power Point Voltage VMPP [VDC]	18.00	18.00	18.70	18.00	36.00	18.70	36.00	18.70	18.30	38.31	20.10	39.79	19.58
Short-Circuit Current ISC [ADC]	0.30	0.59	0.85	1.20	0.61	1.73	0.92	3.46	4.63	2.67	6.36	4.95	9.85
Maximum Power Point Current IMPP [ADC]	0.28	0.56	0.81	1.12	0.56	1.60	0.83	3.21	4.37	2.61	5.98	4.65	9.71
Maximum System Voltage SCII [VDC]	600	600	600	600	1000	600	1000	600	1000	1000	1000	1000	1000
Dimensions (mm)	240x180x18	340x240x25	345x340x25	420x340x25	420x340x25	604x340x25	505x430x25	674x604x30	768x676x35	800x680x35	1020x676x35	1020x986x35	1020x1000x35
Net Weight (kg)	0.60	1.00	1.40	1.60	2.00	2.20	2.80	5.10	6.70	5.80	7.80	11.40	11.80
Pre-assembled Cables (red "+" and black "-")	1 Cable (2-cores) 200cm 2x 1.00mm ² (SOLARPOWE 20W-24V y 30W-24V: 1 Cable (2-cores) 400cm 2x 0.75mm ²)							2 Cables 400cm (red "+" and black "-") 2 x 4.00mm ²					
Junction Box	IP65/67												
Operating Temperature Range	-40°C ~ +85°C (-40°F ~ +185°F)												
Normal Operating Conditions Temp. (NOCT)	45 ± 2°C												
Temperature Coefficient of Power Current Voltage	- 0.35%/K + 0.05%/K - 0.27%/K												
Maximum Series Fuse Rating					12A				12A				
Maximum Reverse Current					12A				20A				
Bypass Schottky Diode					1 pc				2 pcs				
Materials	Frame: Anodized Aluminum Alloy Solar Glass: 3.2mm AR Coating Low-iron and tempered (EN 12150) Mechanical Load 5400Pa Encapsulant: Transparent EVA (Ethylene-Vinyl-Acetate) High-quality film TPT / TPE /BBF Solar Cells interconnection with hi-purity copper 99,98%												
Standards	CE UKCA RoHS3 and REACH Compliant Hg Free WEEE Compliant Manufactured and Tested according to IEC 61215 / IEC 61730 Electrical data – Specifications at Standard Test Conditions (STC): 1000W/m ² solar irradiance, AM 1.5, 25 °C cell temperature												
PLUS	SOLARPOWER 20W-24V y 30W-24V models with integrated U-shape bracket												



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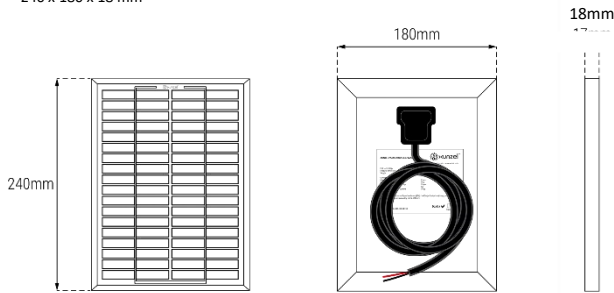
info@xunzel.com
www.xunzel.com

SOLARPOWER™ Series. Paneles solares fotovoltaicos de alta eficiencia para carga de baterías.

Drawings (mm)

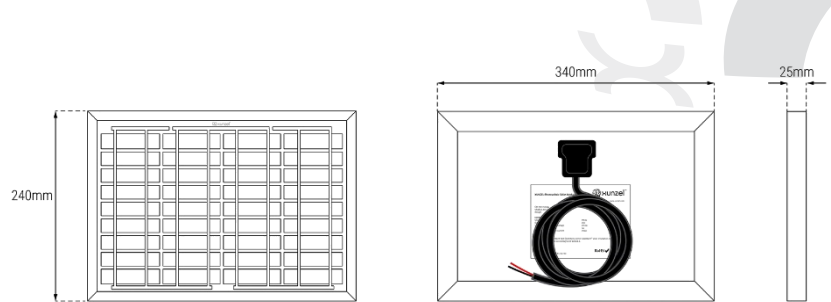
SOLARPOWER-5W-12V

Code | Order Part Number: SOLZTK5
240 x 180 x 18 mm



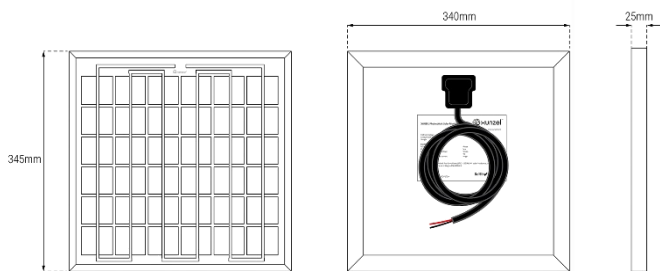
SOLARPOWER-10W-12V

Code | Order Part Number: SOLZTK10
340 x 240 x 25 mm



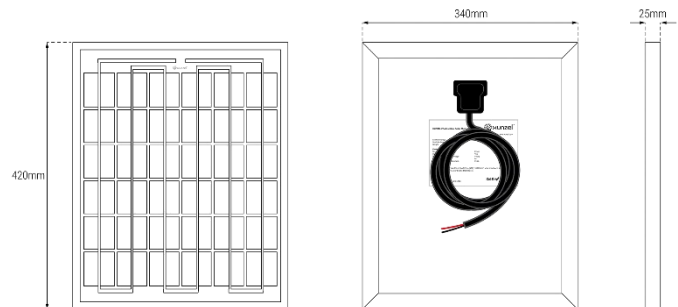
SOLARPOWER-15W-12V

Code | Order Part Number: SOLZTK15
345 x 340 x 25 mm



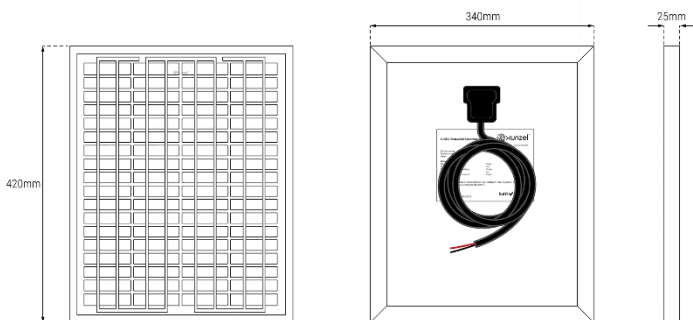
SOLARPOWER-20W-12V

Code | Order Part Number: SOLZTK20
420 x 340 x 25 mm



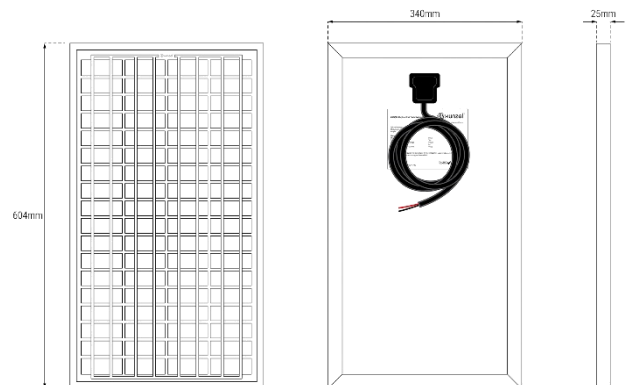
SOLARPOWER-20W-24V

Code | Order Part Number: SOLZTK2024Y
420 x 340 x 25 mm



SOLARPOWER-30W-12V

Code | Order Part Number: SOLZTK30
604 x 340 x 25 mm



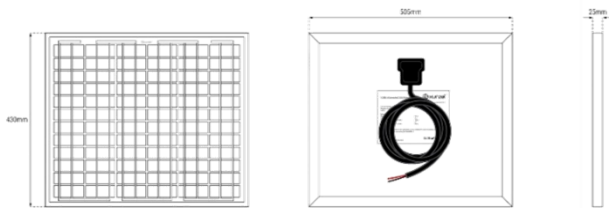
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Drawings (mm)

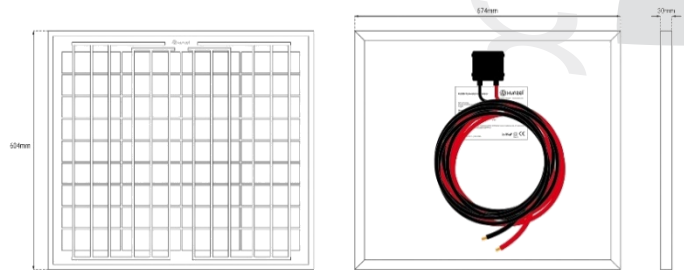
SOLARPOWER-30W-24V

Code | Order Part Number: SOLZTK3024V
505 x 430 x 25 mm



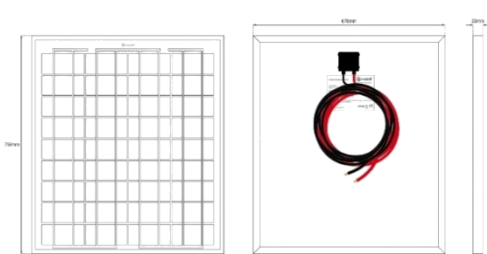
SOLARPOWER-60W-12V

Code | Order Part Number: SOLZTK60
674 x 604 x 30 mm



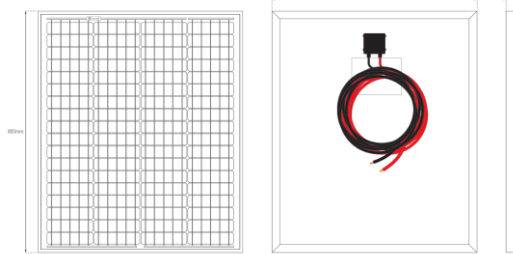
SOLARPOWER-80W-12V

Code | Order Part Number: SOLZTK80
768 x 676 x 35 mm



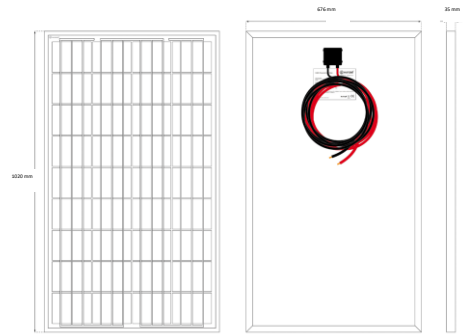
SOLARPOWER-100W-24V

Code | Order Part Number: SOLZTK10024
800 x 680 x 35 mm



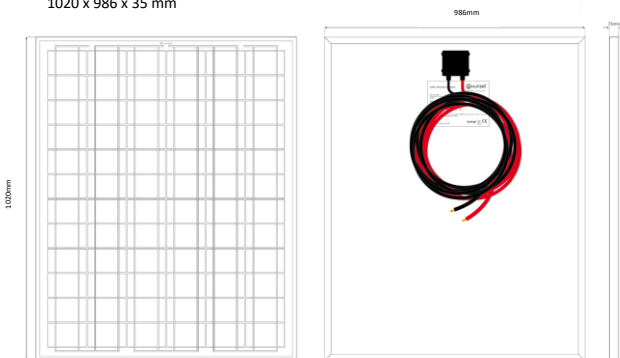
SOLARPOWER-120W-12V

Code | Order Part Number: SOLZTK120
1020 x 676 x 35 mm



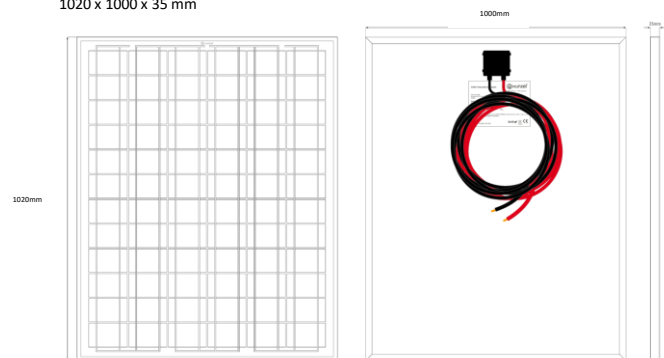
SOLARPOWER-185W-24V

Code | Order Part Number: SOLZTK185
1020 x 986 x 35 mm



SOLARPOWER-190W-12V

Code | Order Part Number: SOLZTK190
1020 x 1000 x 35 mm



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SOLARPOWER-5W-12V

Code | Order Part Number: SOLZTK5
240 x 180 x 18 mm



SOLARPOWER-10W-12V

Code | Order Part Number: SOLZTK10
340 x 240 x 25 mm



SOLARPOWER-15W-12V

Code | Order Part Number: SOLZTK15
345 x 340 x 25 mm



SOLARPOWER-20W-12V

Code | Order Part Number: SOLZTK20
420 x 340 x 25 mm



SOLARPOWER-20W-24V

Code | Order Part Number: SOLZTK2024Y
420 x 340 x 25 mm



SOLARPOWER-30W-12V

Code | Order Part Number: SOLZTK30
604 x 340 x 25 mm



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SOLARPOWER-30W-24V

Code | Order Part Number: SOLZTK3024Y
505 x 430 x 25 mm



SOLARPOWER-60W-12V

Code | Order Part Number: SOLZTK60
674 x 604 x 30 mm



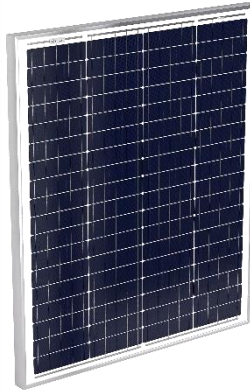
SOLARPOWER-80W-12V

Code | Order Part Number: SOLZTK80
768 x 676 x 35 mm



SOLARPOWER-100W-24V

Code | Order Part Number: SOLZTK10024
800 x 680 x 35 mm



SOLARPOWER-120W-12V

Code | Order Part Number: SOLZTK120
1020 x 676 x 35 mm



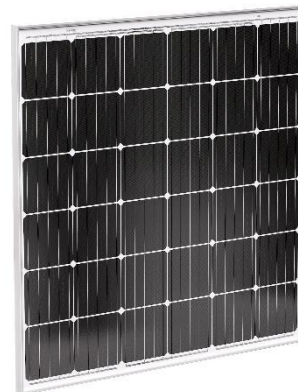
SOLARPOWER-185W-24V

Code | Order Part Number: SOLZTK185
1020 x 1000 x 35 mm



SOLARPOWER-190W-12V

Code | Order Part Number: SOLZTK190
1020 x 1000 x 35 mm



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