

xantrex™ SOLAR MAX

FLEX PANEL DATASHEET

AVAILABLE IN:

110W
110W Slim
220W
330W



PEEL & STICK PREMIUM FLEXIBLE PANELS

With over 2,000 points of contact per cell, the Xantrex Solar Max panels are precision-engineered to ensure long-lasting performance in the toughest weather conditions. The mesh-grid technology combined with monocrystalline PERC cells provides superior durability, reliability, and performance compared to traditional busbar technology. Subjected to extreme environmental and accelerated life cycle testing beyond regulatory standards, Solar Max was tested to be 50X more durable and can harvest up to 20% more energy than a standard flexible panel.

The Xantrex Solar Max panels leverage peel-and-stick 3M adhesive tape, which allows for a fast, easy, tool-less, and ultra-secure drill-less mounting solution.



State-of-the-Art Mesh-Grid Technology



20% Energy Output Advantage vs
Standard Flex Panels



Ultra Durable, Reliable, and Weather-Resistant



Peel-and-Stick Installation

APPLICATIONS:



www.xantrex.com
CUSTOMER CARE: 1.800.670.0707

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PRELIMINARY DATASHEET. SPECS SUBJECT TO CHANGE WITHOUT NOTICE.

5 YEAR
PRODUCT WARRANTY

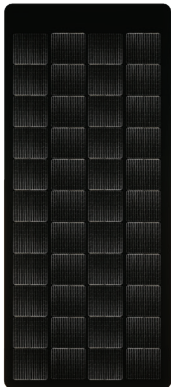
5 YEAR
PEAK POWER OUTPUT
WARRANTY



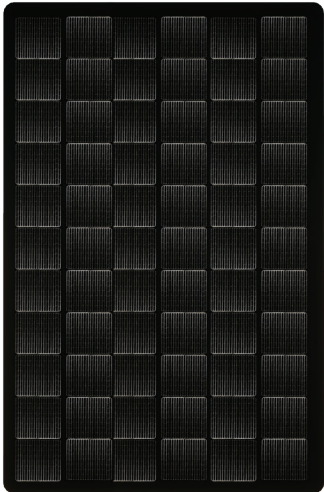
110W Xantrex Solar Max Flex Panel



110W Xantrex Solar Max Flex Slim Panel



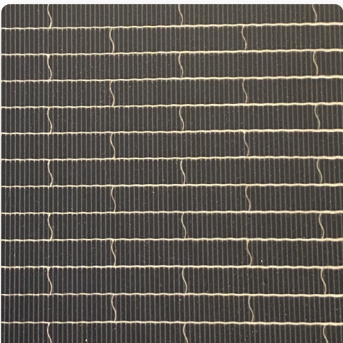
220W Xantrex Solar Max Flex Panel



330W Xantrex Solar Max Flex Panel



Two layers of 3M tape - provides a fast, easy, drill-less peel-and-stick adhesive solution to securely fasten your panel over a wide temperature range.



Unique mesh-grid technology combined with mono-PERC cells provides superior durability, reliability, and efficiency compared to traditional busbar technology.



MC4-type connector

COMPLETE YOUR SOLAR SYSTEM



MPPT Charge Controller 30A
710-3024-01



PWM Charge Controller 30A
709-3204-01



Solar & Battery Cable Starter Kit
708-0150

RECOMMENDED POWER SOLUTIONS

COMPLETE YOUR ELECTRICAL SYSTEM



FREEDOM XC PRO INVERTER/CHARGER



FREEDOM XC INVERTER/CHARGER



FREEDOM SW INVERTER/CHARGER

ELECTRICAL DATA

| PANEL TYPE | 110W | 110W Slim | 220W | 330W |
|--------------------------------|----------|-----------|----------|----------|
| Part Number | 784-0110 | 784-0110S | 784-0220 | 784-0330 |
| Maximum power-Pmax (W) at STC* | 110 | 110 | 220 | 330 |
| Maximum power voltage-Vmp (V) | 24.6 | 24.6 | 24.6 | 36.9 |
| Maximum power current-Imp (A) | 4.5 | 4.5 | 9.0 | 9.0 |
| Open circuit voltage-Voc (V) | 29.2 | 29.2 | 29.2 | 43.8 |
| Short-circuit current-Isc (A) | 4.8 | 4.8 | 9.7 | 9.7 |
| Maximum system voltage (V) | 600V | 600V | 600V | 600V |

*Standard Test Conditions (STC): Irradiance: 1000W/m2, Cell Temperature: 25°C, Air Mass: 1.5

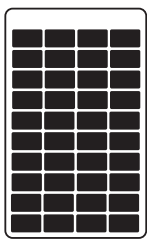
MECHANICAL DATA

| PANEL TYPE | 110W | 110W Slim | 220W | 330W |
|-----------------|---|--|--|---|
| Cell type | Mono-Crystalline PERC | Mono-Crystalline PERC | Mono-Crystalline PERC | Mono-Crystalline PERC |
| Top-layer | ETFE | ETFE | ETFE | ETFE |
| Junction box | IP67 rated | IP67 rated | IP67 rated | IP67 rated |
| Connector | MC4 - type | MC4 - type | MC4 - type | MC4 - type |
| Number of cells | 42 (6 x 7) | 44 (4 x 11) | 44 (4 x 11) | 66 (6 x 11) |
| Weight | 6.0lbs (2.7kg) | 6.1 lbs (2.8kg) | 11.6 lbs (5.3 kg) | 16.7 lbs (7.6 kg) |
| Dimensions | 39.3in x 27.3in x 0.08in 998mm x 693mm x 2mm | 73.7in x 14.8in x 0.08in 1871mm x 376mm x 2mm | 71.6in x 28.8in x 0.08in 1818mm x 732mm x 2mm | 71.6in x 41.5in x 0.08in 1818mm x 1054mm x 2mm |

TEMPERATURE DATA

| PANEL TYPE | 110W | 110W Slim | 220W | 330W |
|----------------------------------|------------------|------------------|------------------|------------------|
| Operating temperature | -40 °C to +85 °C | -40 °C to +85 °C | -40 °C to +85 °C | -40 °C to +85 °C |
| Temperature coefficients of Pmax | -0.39%/ °C | -0.39%/ °C | -0.39%/ °C | -0.39%/ °C |
| Temperature coefficients of Voc | -0.30%/ °C | -0.30%/ °C | -0.30%/ °C | -0.30%/ °C |
| Temperature coefficients of Isc | +0.06%/ °C | +0.06%/ °C | +0.06%/ °C | +0.06%/ °C |

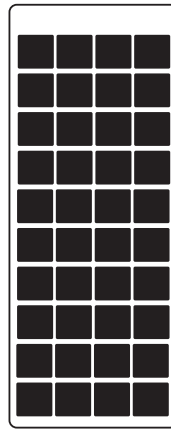
110W DIMENSIONS

27.3"
693mm39.3"
998mm

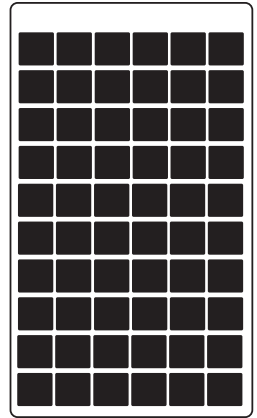
110W SLIM DIMENSIONS

14.8"
376mm73.7"
1871mm

220W DIMENSIONS

28.8"
732mm71.6"
1818mm

330W DIMENSIONS

41.5"
1054mm

71.6" / 1818mm

SOLAR MAX FLEX PANELS

| Mfg Part # | Description |
|------------|--|
| 784-0110 | 110W Xantrex Solar Max Flex Panel |
| 784-0110S | 110W Xantrex Solar Max Flex Slim Panel |
| 784-0220 | 220W Xantrex Solar Max Flex Panel |
| 784-0330 | 330W Xantrex Solar Max Flex Panel |

CHARGE CONTROLLERS

| Mfg Part # | Description |
|-------------|--|
| C12 | C Series PWM 12A |
| C35 | C Series PWM 35A |
| C40 | C Series PWM 40A |
| C60 | C Series PWM 60A |
| 709-3024-01 | Xantrex Solar PWM 30A Charge Controller |
| 710-3024-01 | Xantrex Solar MPPT 30A Charge Controller |
| 710-0010 | MPPT Remote Panel |

ACCESSORIES

| Mfg Part # | Description |
|------------|-----------------------------------|
| 708-0030 | PV Extension Cables (15') |
| 708-0040 | PV Single Connector (1 Pair) |
| 708-0050 | PV Branch Connector (1 Pair) |
| 708-0060 | PV Connector Assembly Tool |
| 708-0080 | Remote Battery Temperature Sensor |
| 708-0090 | Roof Entry Cable Plate |
| 708-0150 | Solar & Battery Cable Starter Kit |

CONTACT

CUSTOMER SERVICE

1.800.670.0707
 customerservice@xantrex.com
 Hours of operation:
 6:30am - 4:30pm PST, Monday to Friday

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 youtube.com/XantrexTechnology

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www.xantrex.com