

# xantrex™ SOLAR MAX

## FLEX PANEL DATASHEET



AVAILABLE IN:

**115W**  
**115W 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:



**10 YEAR**  
WORKMANSHIP  
WARRANTY

**25 YEAR**  
PERFORMANCE  
WARRANTY

[www.xantrex.com](http://www.xantrex.com)

CUSTOMER CARE: 1.800.670.0707

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PRELIMINARY DATASHEET. SPECS SUBJECT TO CHANGE WITHOUT NOTICE.



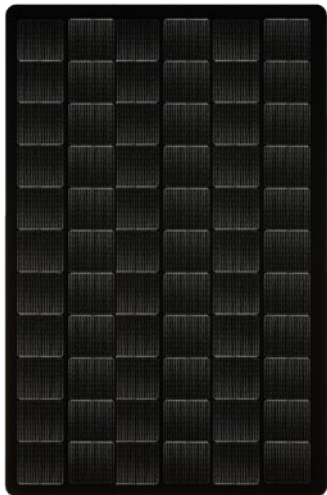
115W Xantrex Solar Max Flex Panel



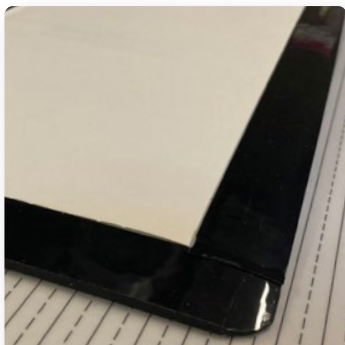
115W Xantrex Solar Max Flex Slim Panel



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

RECOMMENDED POWER SOLUTIONS

COMPLETE YOUR ELECTRICAL SYSTEM



MPPT Charge Controller 30A  
710-3024-01



PWM Charge Controller 30A  
709-3204-01



Solar & Battery Cable Starter Kit  
708-0150



FREEDOM XC PRO INVERTER/CHARGER



FREEDOM XC INVERTER/CHARGER



FREEDOM SW INVERTER/CHARGER

ELECTRICAL DATA

| PANEL TYPE                     | 115W        | 115W Slim    | 220W        | 330W     |
|--------------------------------|-------------|--------------|-------------|----------|
| Part Number                    | 784-9115-01 | 784-91155-01 | 784-9220-01 | 784-0330 |
| Maximum power-Pmax (W) at STC* | 115         | 115          | 220         | 330      |
| Maximum power voltage-Vmp (V)  | 22.1        | 22.1         | 20.9        | 36.9     |
| Maximum power current-Imp (A)  | 5.2         | 5.2          | 10.4        | 9.0      |
| Open circuit voltage-Voc (V)   | 27.4        | 27.4         | 25.8        | 43.8     |
| Short-circuit current-Isc (A)  | 5.6         | 5.6          | 11.2        | 9.7      |
| Maximum system voltage (V)     | 600V        | 600V         | 600V        | 600V     |

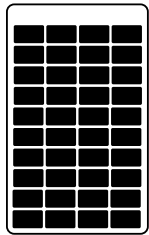
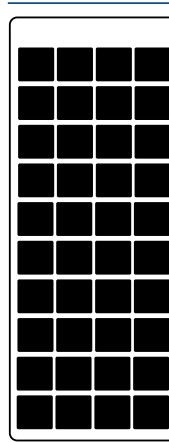
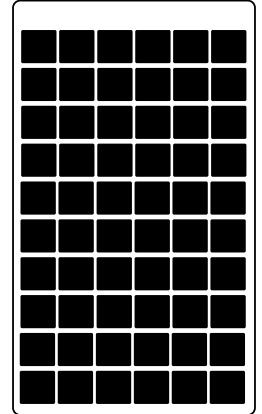
\*Standard Test Conditions (STC): Irradiance: 1000W/m2, Cell Temperature: 25°C, Air Mass: 1.5

MECHANICAL DATA

| PANEL TYPE      | 115W                                            | 115W 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)                                  | 11.5 lbs (5.3 kg)                                | 16.7 lbs (7.6 kg)                                 |
| Dimensions      | 37.5in x 28.4in x 0.08in<br>953mm x 722mm x 2mm | 70.3in x 15.3in x 0.08in<br>1789mm x 390mm x 2mm | 76.6in x 25.3in x 0.08in<br>1948mm x 645mm x 2mm | 71.6in x 41.5in x 0.08in<br>1818mm x 1054mm x 2mm |

TEMPERATURE DATA

| PANEL TYPE                       | 115W             | 115W 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       |

**115W DIMENSIONS**28.4"  
722mm37.5"  
953mm**115W SLIM DIMENSIONS**15.3"  
390mm70.3"  
1789mm**220W DIMENSIONS**25.3"  
645mm76.6"  
1948mm**330W DIMENSIONS**41.5"  
1054mm

71.6" / 1818mm

**SOLAR MAX FLEX PANELS**

| Mfg Part #   | Description                            |
|--------------|----------------------------------------|
| 784-9115-01  | 115W Xantrex Solar Max Flex Panel      |
| 784-9115S-01 | 115W Xantrex Solar Max Flex Slim Panel |
| 784-9220-01  | 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**

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

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