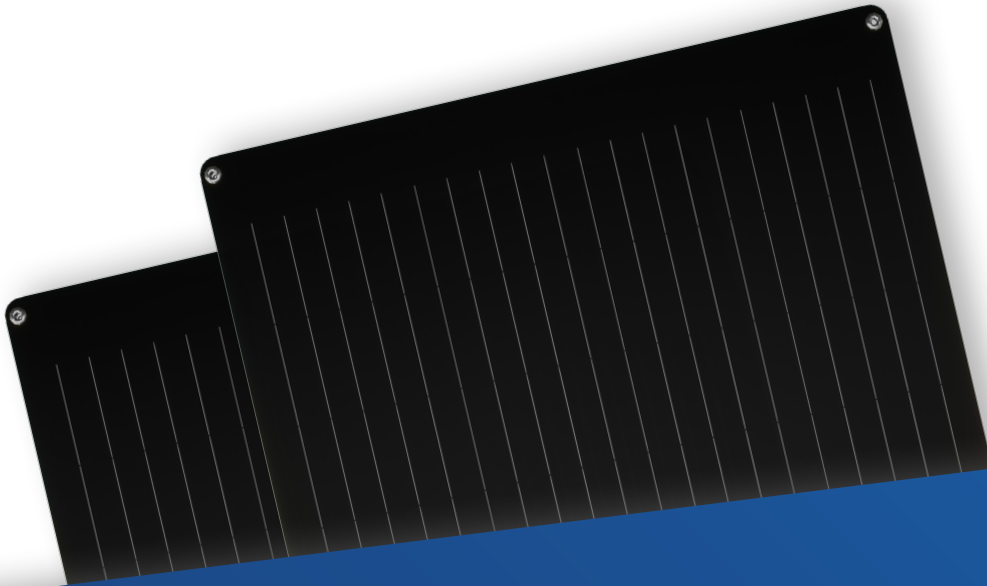


# xantrex™ SOLAR

## FLEX PANEL DATASHEET



AVAILABLE IN:  
**110W**

## FLEXIBLE AND LIGHT, IDEAL FOR CURVED SURFACES

The Xantrex Solar 110W flex panel is lightweight, durable, and perfect for mounting on moderately curved surfaces. The panel features monocrystalline cells with PERC technology that are up to 12% more efficient than conventional solar cells.

Easy-to-install using the six grommet holes provided or applying adhesives to mount the panel.



3X Lighter Compared to Aluminum-Framed Glass Panels



Up to 30° of Flexibility



Durable and Weather-Resistant



Easy-to-Install Using Grommet Holes or Adhesives

### APPLICATIONS:



**2 YEAR**  
PRODUCT WARRANTY

**2 YEAR**  
PEAK POWER OUTPUT  
WARRANTY



MC4-TYPE CONNECTOR



110W Xantrex Solar Flex Panel

## COMPLETE YOUR SOLAR SYSTEM



MPPT Charge Controller 30A  
710-3024-01



PWM Charge Controller 30A  
709-3024-01



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 Flex
Part Number	781-0110
Maximum power-Pmax (W) at STC*	110
Maximum power voltage-Vmp (V)	18.9
Maximum power current-Imp (A)	5.83
Open circuit voltage-Voc (V)	23.3
Short-circuit current-Isc (A)	5.95
Maximum system voltage (V)	600
Maximum series fuse rating (A)	20

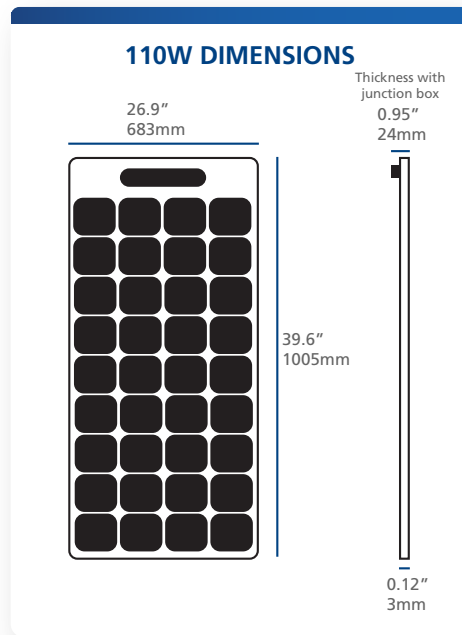
\*Standard Test Conditions (STC): Irradiance: 1000W/m<sup>2</sup>, Cell Temperature: 25°C, Air Mass: 1.5

## MECHANICAL DATA

PANEL TYPE	110W Flex
Cell type	Monocrystalline PERC
Top-layer	ETFE
Junction box IP rating	IP68
Connector type	MC4 - type
Number of cells	36 (4 x 9)
Weight	5.7lbs (2.6kg)
Dimensions	39.6in x 26.9in x 0.12in (0.95in thick at junction box) 1005mm x 683mm x 3mm (24mm thick at junction box)

## TEMPERATURE DATA

PANEL TYPE	110W Flex
Operating temperature	-40°C to +85°C
Temperature coefficients of Pmax	-0.38%/°C
Temperature coefficients of Voc	-0.36%/°C
Temperature coefficients of Isc	+0.07%/°C



#### SOLAR FLEX PANELS

Mfg Part #	Description
781-0110	110W Xantrex Solar 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