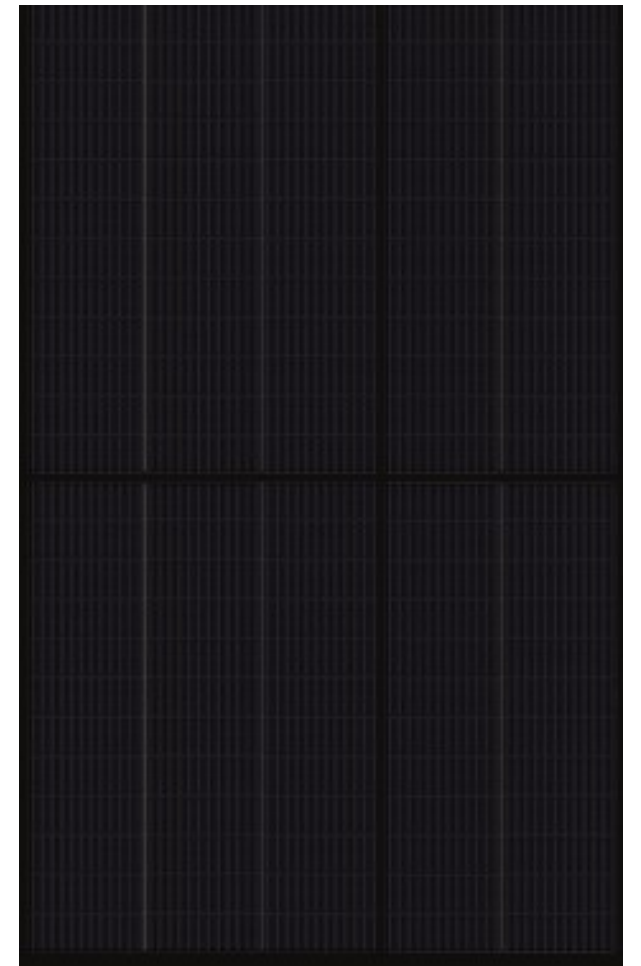
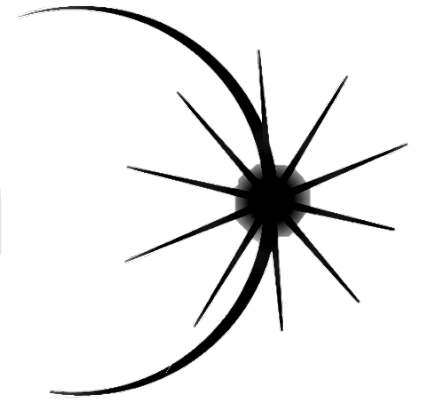


# FixSun Anya Bifacial 410W Tri-Cut Mono

All best qualities in one module

# FixSun



# GENERAL FEATURES

- New Tri-Cut Mono Cell technology
- Black framed glass-glass structure with strong load capacity
- Bifacial. The average power generation on the back can reach 5%-30%
- 30-years performance guarantee
- Dual glass reduces the risk of micro-cracks, snail trails, corrosions caused by moisture, sand and salt mist
- Lightweight tempered 2x2 mm safety glass for optimal mechanical stability and transparency
- Tested internally at a maximum load of 5400 Pa
- Maximum fire resistance
- Quality control with electroluminescence (EL) tests on each module
- High efficiency 21.33%
- Small size 1754mm x 1096mm x 35mm

# FixSun Anya Series

Double-Glass Bifacial Tri-Cut  
Monocrystalline  
Solar Modules



## LOW LCOE

Double-sided power generation, single-sided price  
Maximize limited space, savings in BOS and labour cost



## LOW-LIGHT PERFORMANCE

Relative low temperature coefficient and wide response spectrum guarantee higher power output in hazy, cloudy and other low-light conditions



## HIGH POWER OUTPUT

Bifacial modules have more power generation  
The average power generation on the back can reach 5%-30% of that on the front in different installation environments



## LOAD CAPACITY

Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)

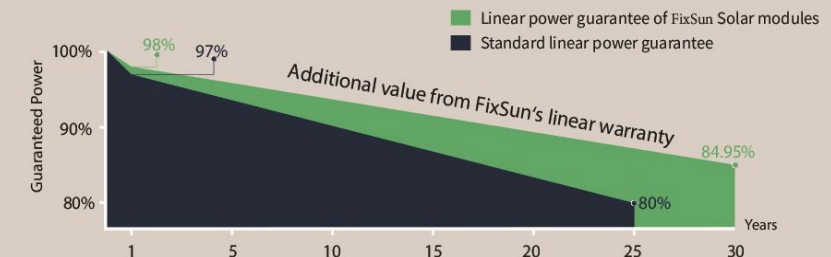


## WIDE APPLICATION

Widely used in BIPV, vertical installation, snow, high humidity and strong winds and sand zones, etc. and applicable to large-scale installation projects such as ground station, agricultural optics complementation, fishing and light complementation

## LINEAR PERFORMANCE WARRANTY

30-year linear power warranty Linear attenuation of 0.45% per year within 30 years



# FixSun Anya Bifacial 410W Tri-Cut Mono

Mechanical data

## Mechanical Data

Cell Type	210×70mm Mono
Cell Orientation	120(5×24)
Module Dimensions	1754×1096×35mm
Weight	25.0kg
Glass	2.0mm high transmittance, reinforced glass
Backsheet	2.0mm part of the structure is grid-like white ceramic glass
Frame Material	Anodized aluminum alloy
Junction Box	Protection class IP68
Cable	4.0 mm <sup>2</sup> positive pole: 300 mm negative pole: 400 mm wire length can be customized
Connector	MC4 compatible connector

## FXN-ANYA410M-210TRI

### Double-Glass Bifacial Tri-Cell Monocrystalline Solar Modules

## Electrical Data (STC)

Maximum Power (P <sub>max</sub> /W)	410
Voltage at Maximum Power (V <sub>mp</sub> /V)	34.59
Current at Maximum Power (I <sub>mp</sub> /A)	11.86
Open Circuit Voltage (V <sub>oc</sub> /V)	41.59
Short Circuit Current (I <sub>sc</sub> /A)	12.43
Module Efficiency (%)	21.33

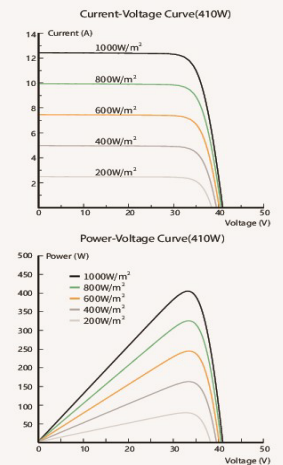
## Electrical Data (NMOT)

Maximum Power (P <sub>max</sub> /W)	310
Voltage at Maximum Power (V <sub>mp</sub> /V)	32.69
Current at Maximum Power (I <sub>mp</sub> /A)	9.49
Open Circuit Voltage (V <sub>oc</sub> /V)	39.09
Short Circuit Current (I <sub>sc</sub> /A)	10.03

STC (Standard Testing Conditions): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM1.5

NMOT (Nominal Module Operating Temperature): Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, AM1.5, Wind Speed 1 m/s.

## I-V Curve



## Temperature Coefficients

Temperature Coefficient (P <sub>m</sub> )	-0.340%/°C
Temperature Coefficient (V <sub>oc</sub> )	-0.250%/°C
Temperature Coefficient (I <sub>sc</sub> )	0.040%/°C

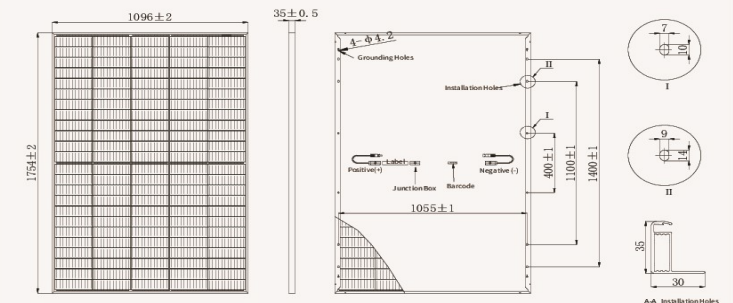
## Operating Parameters

Maximum System Voltage	1000/1500V
Operating Temperature	-40°C ~+85°C
NMOT (Nominal Module Operating Temperature)	41±3°C

## Packaging

Modules Per Pallet: 31+31pcs  
Modules Per 40'HQ Container: 744pcs

## Module Dimensions (mm)



# The world's most ecological solar panel brand

One FixSun solar panel is used for FMNR afforestation of 1,000 square meters.

The carbon footprint of production and transportation has been credited more than 5,000 times

WorldVision is involved in collaborating on afforestation





FixSun

## Contacts

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