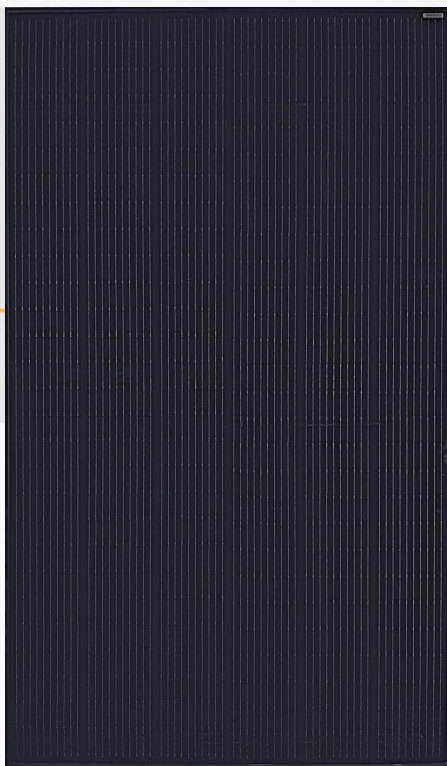


SFBC-PWT542

Mono-Facial Module

410-430 Watt



Key Features



Trisection Cut

Better light utilization and current collection capabilities to effectively improve product power output and reliability.



Reduced Hot Spot Loss

Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.



Higher Power Output

The optimized parallel series circuit design reduces shadow occlusion loss, and the maximum component efficiency is 22.



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Extreme aesthetics

The product has smooth appearance and scientific beauty.

Comprehensive Products & System Certificates

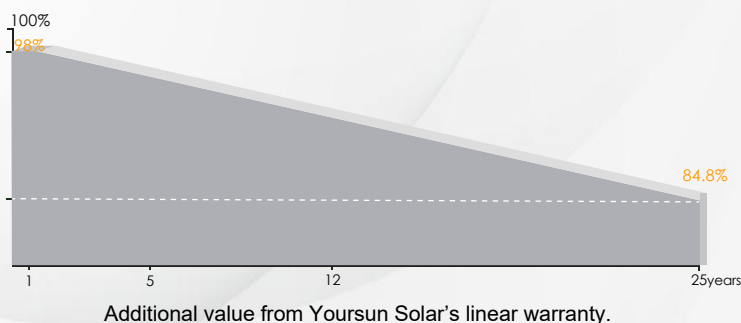
IEC61215(2016), IEC61730(2016)

ISO9001:2015/Quality management system

ISO14001:2015/Standards for environmental management system

ISO45001:2018/International standards for occupational health&safety

Quality Guarantee



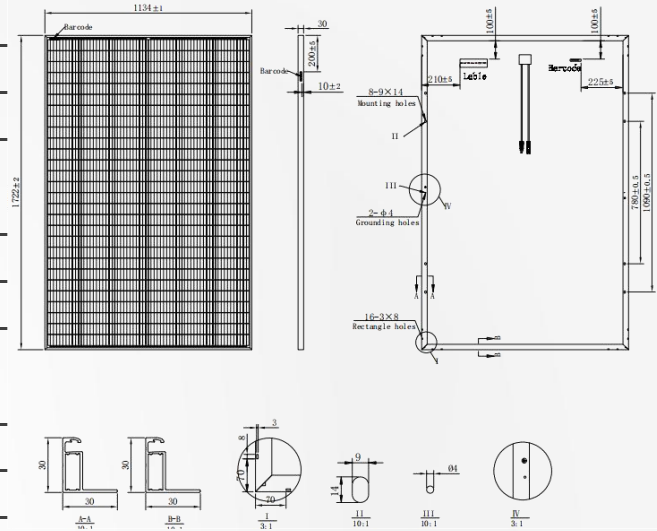
12 year
Quality
Warranty

25 year
Performance
Warranty

-0.55%
Annual
Decay

Mechanical Specifications

| | |
|-------------------|---|
| Cell type | P-type mono-crystalline |
| No.of cells | 168 (28*6) |
| Dimensions(L*W*H) | 1722 x 1134 x 30mm |
| Module weight | 20.6kg |
| Front Glass | 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass |
| Frame | Anodized Aluminium Alloy |
| Junction Box | IP68 |
| Cable | TÜV 1×4.0mm ² length: (+): 700mm, (-): 700mm; or customizable |
| Packing | 1745 x 1100 x 1245mm/pallet 36pcs/pallets ; 800Kg/pallets 26pallets/40HQ ; 936pcs/40HQ ; 20.8T/40HQ |



Specifications

STC Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5, Wind Speed 1m/s

| Spec/Model | SFBC-PWT542-410 | SFBC-PWT542-415 | SFBC-PWT542-420 | SFBC-PWT542-425 | SFBC-PWT542-430 |
|-----------------------------|-----------------|-----------------|---|-----------------|-----------------|
| Max power (Pmax) | 410Wp | 415Wp | 420Wp | 425Wp | 430Wp |
| Maximum Power Voltage (Vmp) | 32.76V | 32.92V | 33.06V | 33.21V | 33.37V |
| Maximum Power Current (Imp) | 12.51A | 12.61A | 12.71A | 12.80A | 12.89A |
| Open-circuit Voltage (Voc) | 38.42V | 38.60V | 38.73V | 38.88V | 39.02V |
| Short-Circuit Voltage (Isc) | 13.27A | 13.35A | 13.42A | 13.50A | 13.57A |
| Module Efficiency STC (%) | 21.0% | 21.3% | 21.50% | 21.80% | 22.0% |
| Operating temperature (°C) | -40°C~+85°C | | Temperature coefficients of Pmax | | -0.35%/°C |
| Max. system voltage | 1500VDC (IEC) | | Temperature coefficients of Voc | | -0.28%/°C |
| Maximum series fuse rating | 30A | | Temperature coefficient of Isc | | 0.048%/°C |
| Power tolerance | 0~+5W | | Nominal Module Operating Temperature (NOCT) | | 45±2°C |

Curve

