



# Solar roof flat tile

Class A . Frie-proof  
Class F . wind-Proof  
Exquisite craft with High quality



**Roofing building materials innovation**

Instead of traditional building materials, high value-added green building materials



**Fashion and simple appearance**

Beautiful appearance is uniform to meet the visual requirements of the building



**Power generation performance is superior**

Low-light power generation performance is strong  
High adaptability of high temperature environment



**Integrated installation**

Integrated building installation(BIPV)  
Meet the building waterproof requirements

## Application scenario



## Mechanical parameters

|                   |                   |
|-------------------|-------------------|
| Dimensions        | 1460mm*437mm*21mm |
| Weight            | 12kg              |
| Application Level | A                 |

## Electrical parameters

|                           |   |        |
|---------------------------|---|--------|
| Power PMPP (+5/-0W)       | W | 95W    |
| Power tolerance           | W | -3/+2w |
| Short-circuit current ISC | A | 3.96V  |
| Open circuit voltage voc  | V | 31.06V |
| Max power point voltage   | V | 26.46A |
| Max power point current   | A | 3.59A  |

## System integration feature parameters

|                        |   |       |
|------------------------|---|-------|
| Max system voltage     | V | 1000V |
| Max Series Fuse Rating | A | 20A   |

## Temperature coefficient at 1,000 W/m<sup>2</sup>

PMPP $\gamma$ [%/K]-0.32 ISC $\alpha$ [%/K]+0.01 UOC $\beta$ [%/K]-0.27

**The overall product warranty is 10 years, and the power guarantee by the 25th year, the power generation shall not be less than 85% of the nominal power.**

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