



# SOLAR TILE ROOF

DESIGN • MANUFACTURING • DISTRIBUTION

## ROOFING AND SOLAR YOUR WAY



50-year roof covering  
product guarantee



40-year product energy  
output guarantee



24/7 Outage Protection  
& System Monitoring



Class A Fire rating

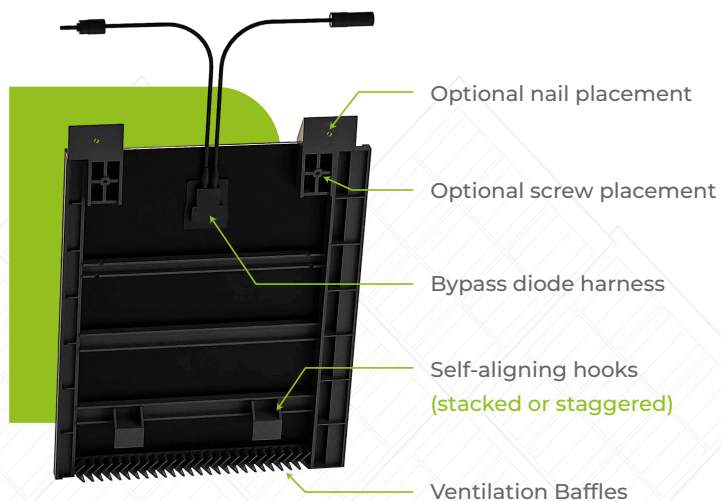


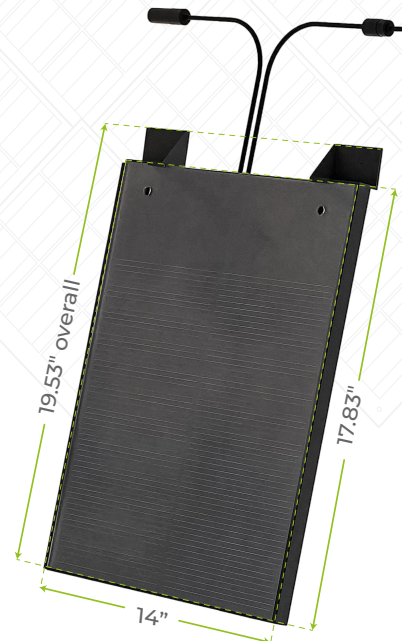
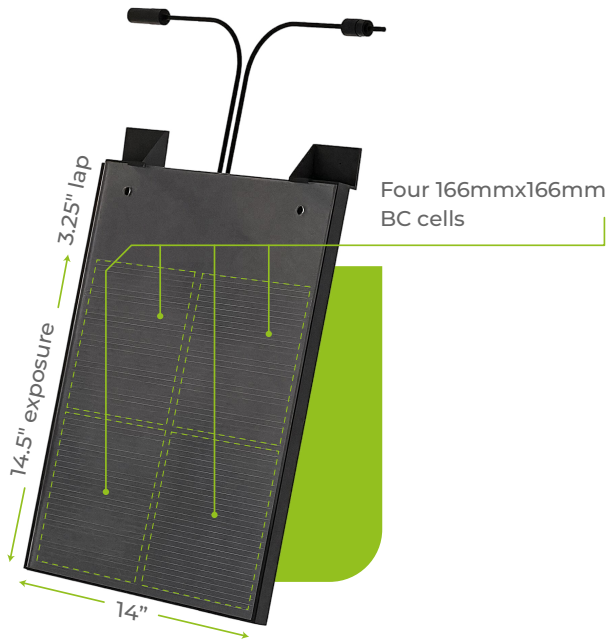
Class 4 Impact rating



120 + MPH Wind rating

## MODERN SLATE SOLAR ROOF TILE





## ELECTRICAL DATA (STC)

|                                 |         |
|---------------------------------|---------|
| Peak Power Watts-PMAX (Wp)      | 26W     |
| Power Output Tolerance-PMAX (W) | 0~±5W   |
| Maximum Power Voltage-VMPP (V)  | 2.35 V  |
| Maximum Power Current-IMPP (A)  | 11.20 A |
| Open Circuit Voltage-VOC (V)    | 2.81 V  |
| Short Circuit Current-ISC (A)   | 11.39 A |
| Maximum System Voltage          | 600 VDC |
| Maximum Series Fuse Rating      | 10 A    |
| Module Efficiency n m %         | 21.5%   |

STC: Irradiance 1000 W/m<sup>2</sup>, Cell temperature 25°C, Air Mass AM = 1.5

## MECHANICAL DATA

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Solar Cells         | XBC 6.5" X 6.5" (166mm X 166mm)                                   |
| Laminate Dimensions | 17.72 X 13.78 X 0.16"<br>(450 X 350 X 4.3mm)                      |
| Cell Orientation    | 4 Cells                                                           |
| Weight              | 3.96 lbs. (1.8 kg)                                                |
| Glass               | 4 mm (0.15") High Transmission, AR Glass                          |
| Backsheet           | Black                                                             |
| Connectors          | MC-4 Compatible                                                   |
| Junction Box        | IP 67 Rated                                                       |
| Cables              | PV Cable 4.0 mm <sup>2</sup> (#12 gauge)<br>12.8" (325 mm) Length |

## TEMPERATURE RATINGS

|                                           |             |
|-------------------------------------------|-------------|
| Nominal Operating Cell Temperature (NOCT) | 45°C (±2°C) |
| Temperature Coefficient of PMAX           | -0.28%/°C   |
| Temperature Coefficient of VOC            | -0.25%/°C   |
| Temperature Coefficient of ISC            | 0.042%/°C   |

