

CertainTeed Solar

# APOLLO® TILE II SOLAR ROOFING SYSTEM



See reverse for  
product specifications



A high-efficiency solar tile designed for integration with most tile roofs.

## Features and Benefits

- **Functional:** The Apollo Tile II system functions as both a roof and a solar array
- **Beautiful:** An earth-toned custom frame combined with a profile that matches flat concrete tiles provides a clean, integrated aesthetic
- **Efficient:** Modules use 14 high-efficiency monocrystalline solar cells
- **Strong:** Mechanical load rating of 250 lbs per square foot
- **Lightweight:** Weighs significantly less than a tile roof eliminating the need for structural review or reinforcement
- **Wind Resistant:** Tested to the highest wind standards and backed by a 110mph wind warranty
- **Water Shedding:** Built-in water management features
- **Easy to Install:** Open space under the modules and built-in wire clips allow for easy wire management and installation
- **Aesthetic:** Brown (frame); black (cells) on black (backsheet) provides a greater aesthetic and visually blends with most concrete tile colors



## Each System Includes

- 63 watt, high-efficiency monocrystalline modules
- Waterproof and fire-resistant underlayment membranes
- Flashing accessories
- Starter strip and wind clips
- String inverter
- Home run wiring
- Monitoring system (optional)

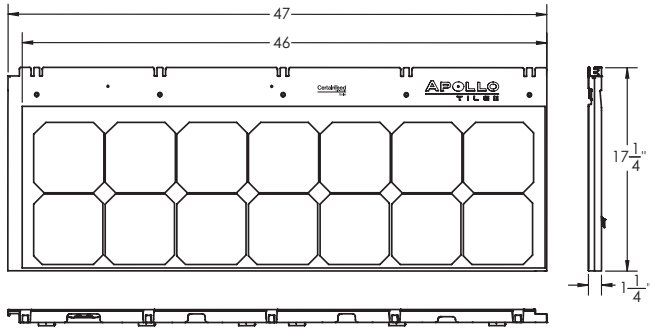


**MADE IN USA**

using foreign and domestic components

**CertainTeed**  
SAINT-GOBAIN

## Dimensions



## Electrical Characteristics

Standard Test Conditions: 25 C, 1kW/m<sup>2</sup>, AM 1.5

Maximum Power (Pmax)	63W
Maximum Power Voltage (Vmp)	7.27 V
Maximum Power Current (Imp)	8.67 A
Open Circuit Voltage (Voc)	9.28 V
Short Circuit Current (Isc)	9.25 A
Maximum System Voltage	600 V
Series Fuse Rating	15 A
Performance Tolerance	+/- 3%
Conversion Efficiency	16%
Power Temp. Coefficient (Ptmp)	-0.45%/°C
Voltage Temp. Coefficient (Vtoc)	-0.30%/°C
Normal Operating Cell Temp. (NOCT)	53.5°C
PTC Rating	54.1W

## Absolute Maximum Ratings

Parameters	Rating	Unit
Operating Temperature	-40 to +90	°C
Storage Temperature	-40 to +90	°C
Dielectric Voltage Withstood	600 Max	V-DC

## Mechanical Characteristics

Exposed Area	46" x 13.25"
Weight	13 lbs (3.1 lbs per sq ft)
Cell	Monocrystalline
No. of cells and connections	14 in series
Bypass Diode	1 per panel
Load Rating	250 lbs/sq ft
Wiring	14 AWG PV wire
Connectors	MC4-EVO 3

## Warranty and Certifications

Warranty	25 year limited power warranty 10 year limited product warranty
Certifications	Certified to UL 1703 by CSA UL 790 Class A Fire Rating ASTM D3161 Class F IEC 61215 California CEC Listed



### Certainteed Corporation

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20 Moores Road Malvern, Pa 19355 Professional: 800-233-8990 Consumer: 800-782-8777 [certainteed.com](http://certainteed.com)