

CertainTeed Solar

APOLLO[®] II – 70x SOLAR ROOFING SYSTEM



See reverse for
product specifications



A high-efficiency solar shingle designed for integration with all asphalt shingle roofs.

Features and Benefits

- **Functional:** The Apollo II system functions as both a roof and a solar array
- **Beautiful:** Black on black construction and a slim profile provides a clean integrated aesthetic
- **Efficient:** Modules use 14 high-efficiency mono PERC solar cells
- **Strong:** Mechanical load rating of 250 lbs per square foot
- **Lightweight:** Weighs about as much as a typical asphalt shingle roof
- **Wind Resistant:** Florida Building Code High Velocity Hurricane Zone rated (Vult 194mph)
- **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



Each System Includes

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

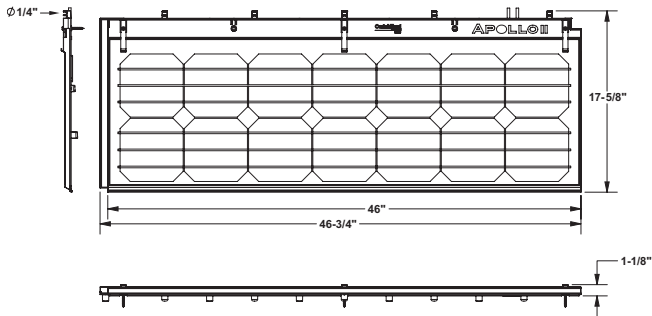


MADE IN USA

using foreign and domestic components

CertainTeed
SAINT-GOBAIN

Dimensions



Electrical Characteristics

Standard Test Conditions: 25 C, 1kW/m², AM 1.5

Maximum Power (Pmax)	70W
Maximum Power Voltage (Vmp)	7.8 V
Maximum Power Current (Imp)	9.0 A
Open Circuit Voltage (Voc)	9.6 V
Short Circuit Current (Isc)	9.4 A
Maximum System Voltage	600 V
Series Fuse Rating	15 A
Performance Tolerance	+/- 3%
Conversion Efficiency	17.2%
Power Temp. Coefficient (Ptmp)	-0.37%/°C
Voltage Temp. Coefficient (Vtoc)	-0.27%/°C
Normal Operating Cell Temp. (NOCT)	61.7°C
PTC Rating	61.5W

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 13-3/4"
Weight	12 lbs (2.7 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	12 AWG PV wire
Connectors	Staubli MC4

Warranty and Certifications

Warranty*	25 year limited power warranty 10 year 110 mph limited wind warranty
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Certifications	UL 1703 UL 790 Class A & C Fire ASTM D3161 Class F California CEC High Velocity Hurricane Zone FBC HVHZ FL17670-R3 (194 mph Vult wind rating)
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*See CertainTeed's limited warranty for details



CertainTeed Corporation

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • GYPSUM • CEILINGS • INSULATION

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