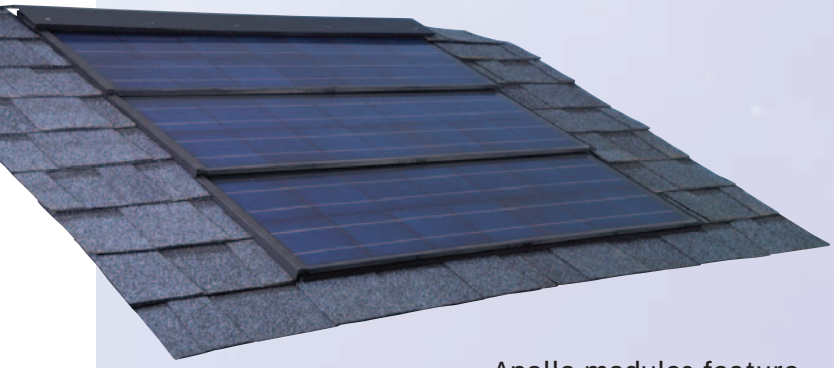
APOLLO Solar Roofing

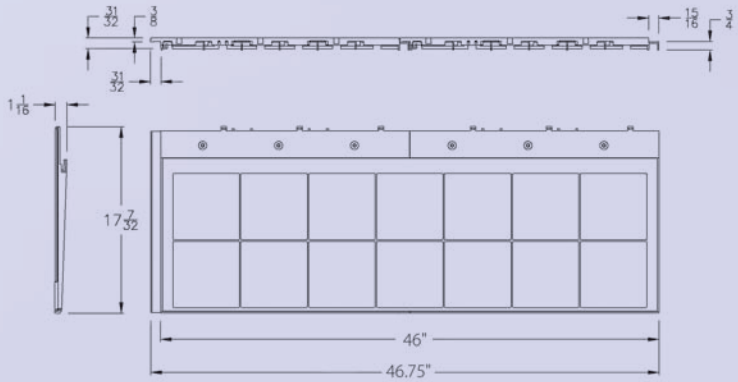
CertainTeed SAINT-GOBAIN Solar



Apollo modules feature 14 high-efficiency polycrystalline silicon solar cells for a power rating of 52 watts per module. Its slim profile provides a clean integrated look that a rack mounted system cannot match. Apollo modules have achieved a Class A fire rating when installed in accordance with the installation manual.

Dimensions

Exposed Area: 46" x 13.25"



Electrical Characteristics

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

Maximum Power (Pmax)	52W
Maximum Power Voltage (Vmp)	6.79 V
Maximum Power Current (Imp)	7.65 A
Open Circuit Voltage (Voc)	8.70 V
Short Circuit Current (Isc)	8.07 A
Maximum System Voltage	DC 600
Series Fuse Rating	15 A
Performance Tolerance	± 3%
Conversion Efficiency	13.2%
Power Temp. Coefficient (Ptmp)	-0.54%/ ℃
Voltage Temp. Coefficient (Vtoc)	-0.37%/ ℃
Normal Operating Cell Temp. (NOCT)	58.5 ℃

Mechanical Characteristics

Outside Dimensions	46-3/4" x 17-7/32" x 1-1/16"
Weight	12 lbs (300 lbs per square)
Cell	Poly-Crystalline
No. of cells and connections	14 in series
Bypass Diode	1 Per panel
Load Rating	250 lbs/sq ft

Warranty and Certifications

Warranty	25 year limited power warranty 10 year limited product warranty
Certifications	Meets UL 1703 UL Class A fire rating

Absolute Maximum Ratings

Parameters	Rating	Unit
Operating Temperature	-40 to +90	℃
Storage Temperature	-40 to +90	℃
Dielectric Voltage Withstood	2000 max	V-DC

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