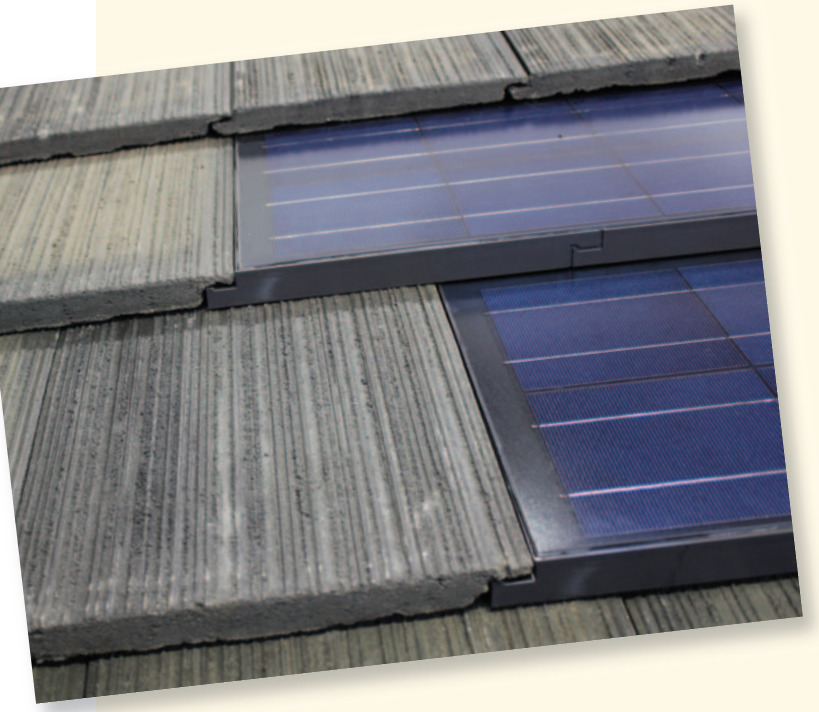
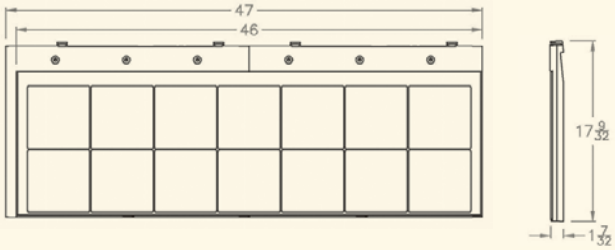


A high efficiency polycrystalline solar tile designed for integration with many concrete tile roof products.



Dimensions

Exposed Area: 46" x 13.50"



Electrical Characteristics

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

	Apollo Tile - G Apollo Tile - B*
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 ℃

**Apollo Tile - G and Apollo Tile - B utilize standard dark blue cells and are offered with either a gray or brown frame.*

Mechanical Characteristics

Outside Dimensions	47" x 17-1/4" x 1-7/32"
Weight	13 lbs (325 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
Connectors	MC3

Warranty and Certifications

Warranty	25 year limited power warranty 10 year limited product warranty
Certifications	Certified to UL 1703 by CSA Class A fire rating California CEC listed

Absolute Maximum Ratings

Parameters	Rating	Unit
Operating Temperature	-40 to +85	℃
Storage Temperature	-40 to +90	℃
Dielectric Voltage Withstood	2000 max	V-DC
Short Circuit Current (Isc)	8.07	AMPS

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