

Solar Roof Tile Systems

SKU:

EAN:



FEATUES

Solar tiles are the unique solution that maintains the natural look of a property while generating clean efficient electricity from the sun. Solar roof tiles are designed for residential or commercial sloping roofs and integrates seamlessly with ordinary roof tiles maintaining the aesthetic appeal of the roof.

Why go solar?

Invisibly powerful, it's more than just a roof over your head

SAVE MONEY

In most states solar costs less than energy from the utility so you can save on your bill.

HELP THE ENVIRONMENT

Solar creates 91% less CO₂ pollution than natural gas and 96% less CO₂ than coal.

GAIN ENERGY INDEPENDENCE

Clean solar energy provides us with an unlimited reliable source of energy. Easily installed using the Tile Roof Institute's (TRI) standards. Available in many colors. Long term reliability and low maintenance costs. Robust weatherproof. Class A fire-rated. with no exposed roof penetrations.

Lightweight safe, and easy to install

Snow load capacity over 200 lbs/sqft Wind rated to 80 mph (150mph with foam glue). Certified to UL 1703 certified as a Class A roofing system under, UL 790 and ASTM E108.

Fireproof performance: 10 minute fire test without trace. **Anti-aging:** There is no change in the uv irradiation of 240 hours ensuring the service life of over 50 years. Rodent protection such as chewing. Lightning protection. Wind resistant, No electricity leakage. Cutable edge, weather resistant fiber reinforced tile material. Complete water diversion design, completely waterproof. Specially designed groove lap joint system, high drainage efficiency, prevents rainwater from flowing back.



ELECTRICAL CHARACTERISTIC

Maximum power	10W	25W
Power tolerance	+/-3%	+/-3%
Peak voltage	6.1V	6.2V
Peak current	1.64A	4.04A
Short circuit current	1.93A	1.93A
Module Dimension	340*185*4.5mm	510*340*4.5mm
Tile Dimension	440*330*45	642*437*25
Weight	3.06KG	5.12KG
Welding Connector	MC4	MC4
Cable Length	30CM	30CM

Cable Section	2*2.5MM2	2*2.5MM2
Peak Power	-0.21%	-0.21% °C
Peak Voltage	-0.34% °C	-0.34% °C
Peak Current	+0.03% °C	+0.03% °C
Open-Circuit Voltage	-0.34% °C	-0.34% °C
Short-circuit Current	+0.03% °C	+0.03% °C
Max. System voltage	750V	750V
Operating temperature	-45 °C ~ +85 °C	-45 °C ~ +85 °C
The Best Working Temperature of Module	25 °C	25 °C