

FLAT SOLAR ROOF TILE



Modelling:	Flat tile
Structure:	Tempered glass photovoltaic chip tempered glass
Auxiliary materials:	Edge protection and EPDM tape
Single-chip power:	Primary color 95W; Red 75W
Size:	1460*435*21mm (W*H*D)
Primary color monolithic power:	95 watts
Power per square meter:	159 watts
Open circuit voltage:	30.1 V
Short circuit current:	4.05 A
Working voltage:	26.24 V
Working current:	3.81 A
Red monolithic power:	75 watts
Power per square meter:	119 watts
Open circuit voltage:	28.9 V
Short circuit current:	3.2 A
Working voltage:	25.2 V
Working current:	2.98 A
Single piece weight:	12 Kg

FLAT SOLAR TILES

Solar tiles are one of the sources of green energy that performs two jobs at the same time, as it is a roof tile and a sustainable source of energy. This, in turn, contributes to reducing the cost when building the roof and reducing labor costs.

Solar tiles are considered one of the sources of investment in energy for the user, unlike regular tiles, which in turn are a used material without a continuous benefit. Solar tiles are installed on the roofs of houses and buildings, and in turn, they provide electricity even on cloudy days.

Solar tiles are considered one of the sources of energy that works even in the worst weather conditions, as it is waterproof and snow-proof. In reality, the only building material with a return on investment is a building-integrated solar tile roof.

Solar tile roofs will not only pay for themselves but will also generate additional cash for you.

Solar tile roofs are an excellent solution for homeowners who want to incorporate solar energy into their daily lives. Thin-film solar technology enables cutting-edge features such as flexibility, lightweight, superior low-light performance, and diversified colors and shapes. These unique qualities make it adaptable to a wide range of applications, including Building Integrated Photovoltaics (BIPV), and residential power.



An example of an on-going installation of Flat solar tiles on a house roof.



Completed installation of Flat tiles on house roofs.