

310W



Innovative Terracotta Building-integrated

Photovoltaic (BIPV) designs, featuring a diverse range of color options to suit your aesthetic preferences.



Unique Layout Design

The terracotta color design offers solutions for project scenarios such as historical buildings, roofs, etc.



Low Light Resilience

Advanced glass and cell surface texture designs ensure excellent performance in low light environments.

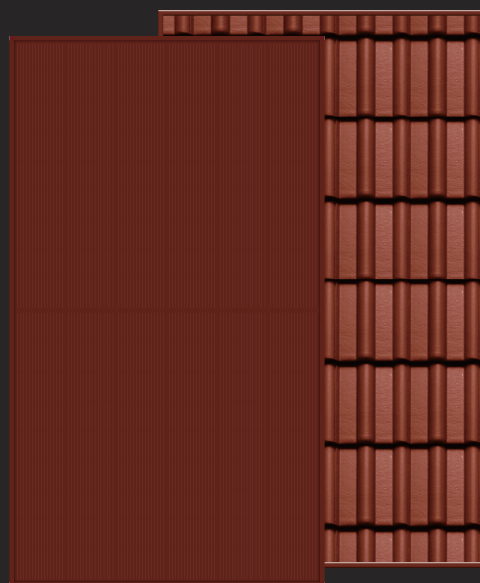


Environmental Durability

Good performance of Anti-PID & Salt mist certified by 2 PfG 2387/01.18 and IEC61701.



REACH



Parameters of Solarcells(STC)

Maximum Power - Pmax (W)	310
Maximum Power Voltage - Vmp (V)	28.18
Maximum Power Current - Imp (A)	11.05
Open-circuit Voltage - Voc (V)	33.95
Short-circuit Current - Isc (A)	11.69
Module efficiency	15.89 %

Temperature & Maximum Ratings

Operating Temperature (°C)	-40 °C ~ +85 °C
Nominal Operating Cell Temperature	45 ± 2 °C
Temperature Coefficients of Pmax	-0.30% / °C
Temperature Coefficients of Voc	-0.275% / °C
Temperature Coefficients of Isc	0.045% / °C
Power Tolerance	± 3%
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	25 A

Mechanical Characteristics

Cell Type	Mono-crystalline
No. of Cells	108 (6x18)
Dimensions	1721x1133x30 mm
Weight	21.5 kg
Glass	3.2mm, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, EVO 2
Output Cables	1x4.0 mm ² , Length: 300 mm or Customized Length
Packaging Configuration	36 pcs/pallet, 962 pcs/container

12
years

Product warranty

25
years

Linear power
warranty

