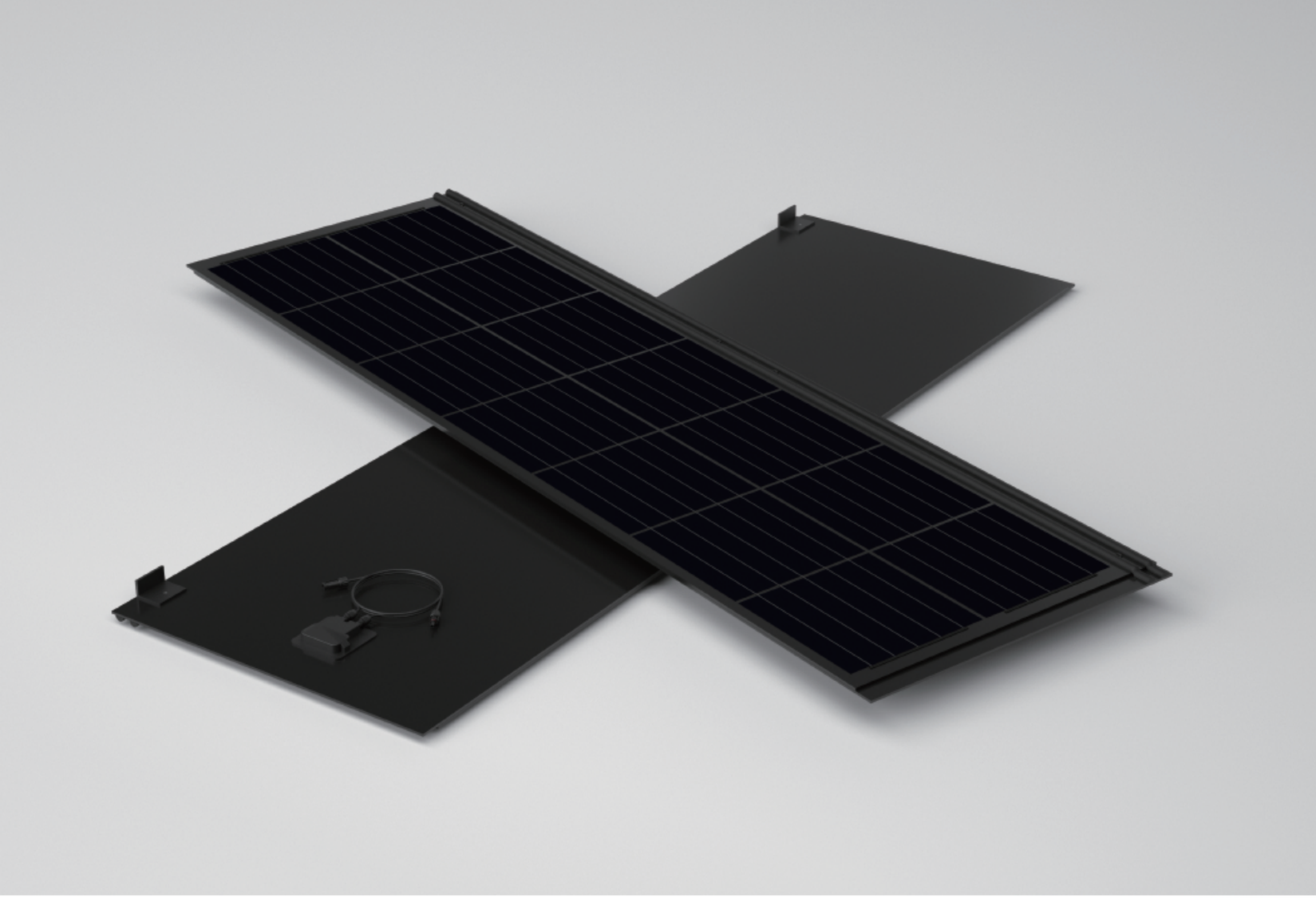
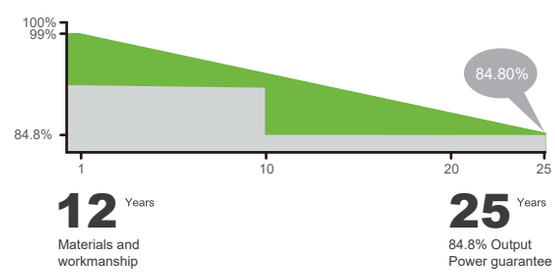


SKT70M10

70 Watt Aurora Tile

158.75mm 14 Cells All Black 70W
Solar Tile Series

Sunket Linear Warranty



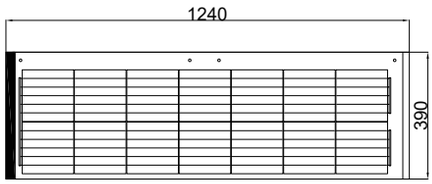
- PERC Solar Cells
- Resists 35mm hail Withstands 12-grade winds
- 25-year waterproof and Rooftop safety guarantee
- Lower summer indoor Temperatures by 5-8°C
- Reduce energy consumption By 10%
- Modular design with standardized prefabricated construction

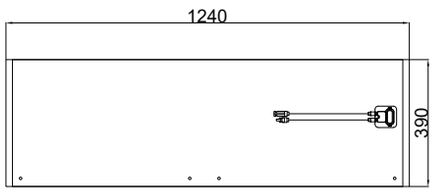
SUNKET -BIPV

SUNKET -BIPV

SKT70M10

158.75mm 14 Cells All Black 70W
Solar Tile Series





All Dimensions in mm
The above drawing is a graphical representation of the product.

Electrical Characteristics (STC)

Module Type	SKT70M10
Test Conditions	STC
Maximum Power- Pmax(W)	70
Open Circuit Voltage - Voc(V)	9.58
Short- Circuit Current - Isc(A)	9.72
Voltage at Pmax -Vmp(V)	7.83
Current at Pmax - Imp(A)	8.94
Module Efficiency -ηm(%)	14.47
Power Tolerance(W)	(0，+4.99W)
Maximum System Voltage(V)	1500Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	15A

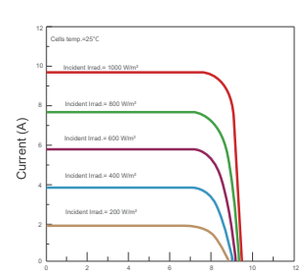
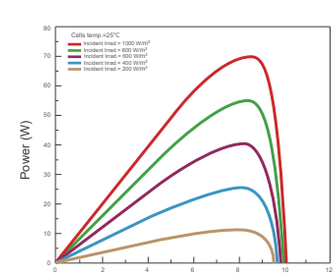
*STC : Irradiance 1000W/m², Cell Temperature 25℃, Air Mass 1.5

*Measurement tolerance: ±3% *Power binning up to: +3%

Mechanical Specifications

External Dimensions	1240x390x6.2mm
Weight	6kg
Solar Cells	Mono crystalline 158.75mm
Glass	AR Coated 3.2+2mm anti-glare glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 900mm (+),900mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa
Fire Protection Grade	A
Windproof Grade	15
Anti Hail Level	35mm

Temperature Characteristics

Pmax Temperature Coefficient	-0.3904%/°C
Voc Temperature Coefficient	-0.286%/°C
Isc Temperature Coefficient	+0.0268%/°C
Operating Temperature Range	-40~+85°C
Nominal Operating Cell Temperature	45±2°C

Current-Voltage & Power-Voltage Curves
(SKT70M10)