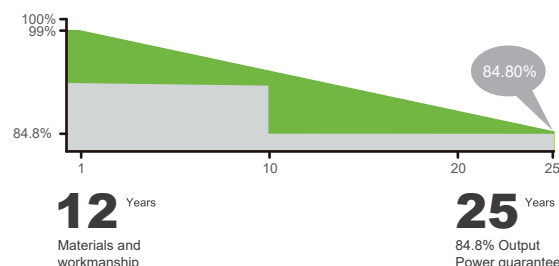




SKT100M10-24D5 100 Watt

182mm 28 Cells All Black 100W
Solar Tile Series

Sunket Linear Warranty



Half Cut
Solar Cells



Resists 35mm hail
Withstands 12-grade winds



25-year waterproof and
Rooftop safety guarantee



Lower summer indoor
Temperatures by 5-8°C



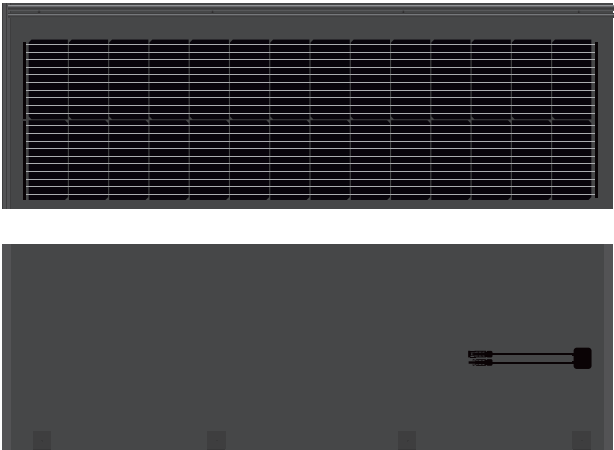
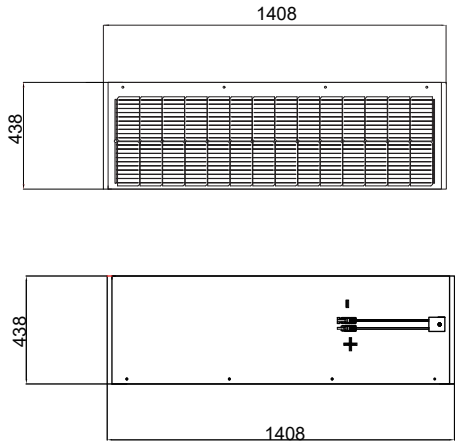
Reduce energy consumption
By 10%



Modular design with standardized
prefabricated construction



 **SUNKET® - BIPV**



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

Electrical Characteristics (STC)

Module Type	SKT100M10-24D5
Test Conditions	STC
Maximum Power- Pmax(W)	100
Open Circuit Voltage - Voc(V)	19.22
Short- Circuit Current - Isc(A)	6.30
Voltage at Pmax -Vmp(V)	16.66
Current at Pmax - Imp(A)	6.00
Module Efficiency -ηm(%)	16.22
Power Tolerance(W)	(0, +4.99W)
Maximum System Voltage(V)	1500Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	10A

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

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

Mechanical Specifications

External Dimensions	1408x438x6.2mm
Weight	8.5kg
Solar Cells	Mono crystalline 182mm
Glass	AR Coated 3.2+2mm tempered 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

Packing Configuration

Wooden box	1520x1130x1120mm
Container	40'HQ
Pieces per Wooden box	56
Box per Container	30
Pieces per Container	1680

**Current-Voltage & Power-Voltage Curves
(SKT100M10-24D5)**

