



TOPCON

SCAN CODE TO WATCH VIDEO

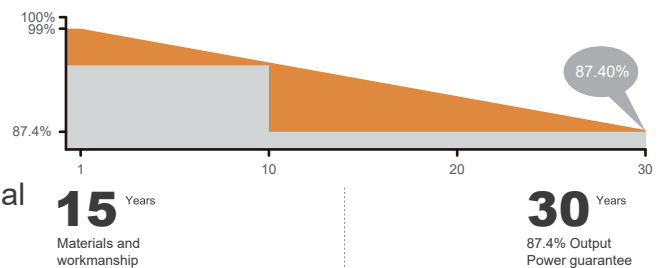


Learn more about the production of 182mm Mono PV Module

SKT430~455M10-108D6 430~455 Watt

188x182mm 16BB 108Cells All Black Double Glass Bifacial TOPCon Mono Half Cell PV Module Series

Sunket TOPCon Linear Warranty



15 Years
Materials and workmanship

30 Years
87.4% Output Power guarantee



SMBB Technology
Half Cut TOPCon Cell



High Energy
Performance



100% Inspection
30years Guarantee



Fire Class A

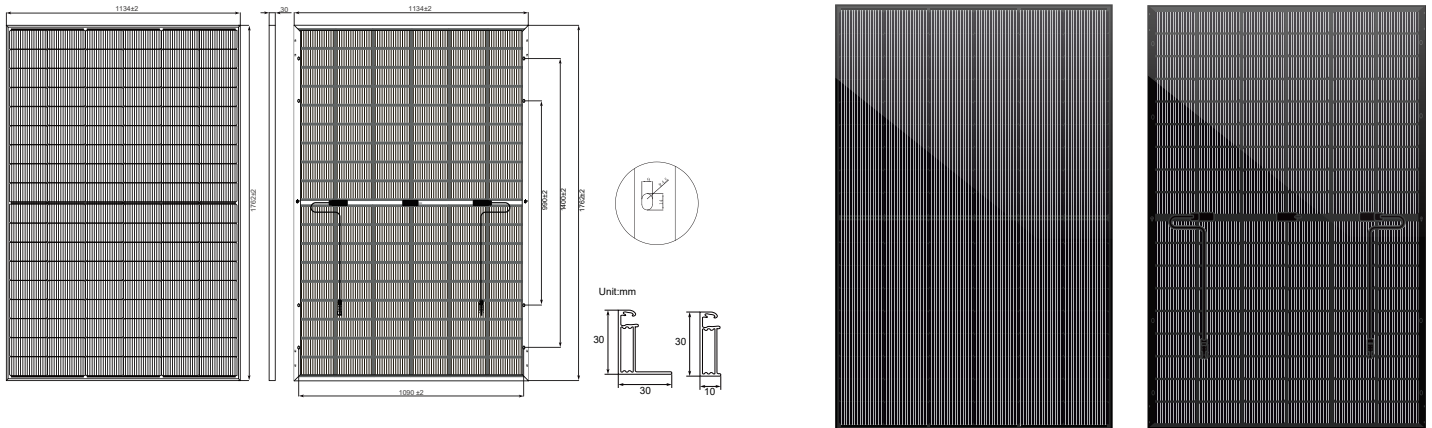


5400Pa
Strengthened
Mechanical Load



Advanced Bifacial
Efficiency





All Dimensions in mm
The above drawing is a graphical representation of the product.
For engineering quality drawings please contact SUNKET.

Electrical Characteristics (STC)

Module Type	SKT430M10-108D6	SKT435M10-108D6	SKT440M10-108D6	SKT445M10-108D6	SKT450M10-108D6	SKT455M10-108D6
Front Side	STC	STC	STC	STC	STC	STC
Maximum Power- Pmax(W)	430	435	440	445	450	455
Open Circuit Voltage - Voc(V)	38.50	38.70	38.90	39.10	39.30	39.50
Short- Circuit Current - Isc(A)	14.14	14.23	14.31	14.40	14.48	14.56
Voltage at Pmax -Vmp(V)	32.12	32.29	32.47	32.65	32.82	33.00
Current at Pmax - Imp(A)	13.39	13.47	13.55	13.63	13.71	13.79
Module Efficiency -ηm(%)	21.50	21.80	22.00	22.30	22.50	22.80
Power Tolerance(W)	(0, +5W)					
Maximum System Voltage(V)	1500Vdc (IEC / UL)					
Maximum Series Fuse Rating (A)	30A					

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

NOCT : Irradiance 800W/m², Ambient Temperature 20°C, Air Mass1.5, Wind Speed 1m/s

Mechanical Specifications

External Dimensions	1762x1134x30mm
Weight	22kg
Solar Cells	N-Type 16BB 182x94mm (2x54pcs)
Front Glass	AR Coated 1.6+1.6 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm ² , 1200mm (+),1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	1762x1134x30mm
Container	40'HQ
Pieces per Pallet	36
Pallets per Container	26
Pieces per Container	936

Temperature Characteristics

Pmax Temperature Coefficient	-0.290%/°C
Voc Temperature Coefficient	-0.250%/°C
Isc Temperature Coefficient	+0.045%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45±2°C

Current-Voltage & Power-Voltage Curves (SKT455M10-108D6)

