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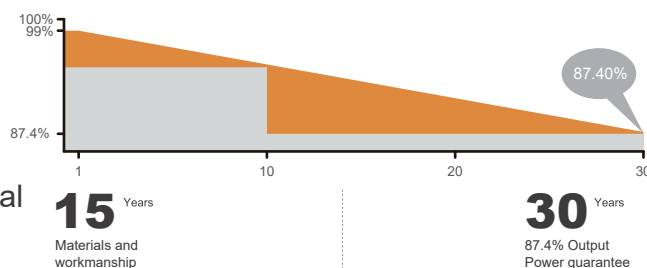


Learn more about the
production of 182mm
Mono PV Module

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



SMBB Technology
Half Cut TOPCon Cell



High Energy
Performance



100% Inspection
30years Guarantee



Fire Class A

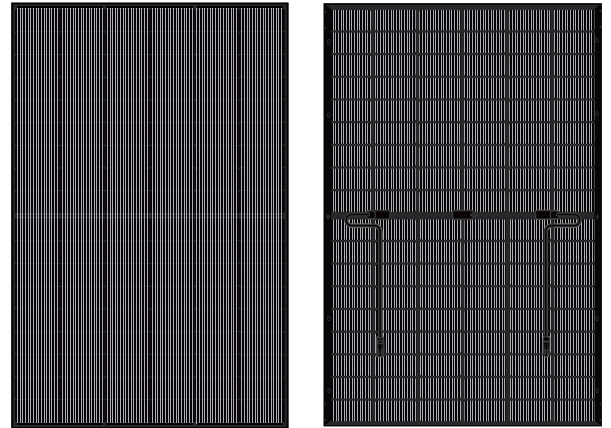
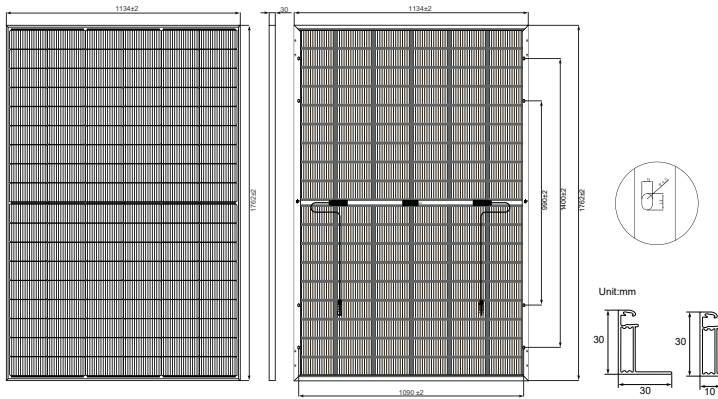


5400Pa
Strengthened
Mechanical Load



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	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	430	323	435	327	440	331	445	335	450	338	455	341
Open Circuit Voltage - Voc(V)	38.50	30.10	38.70	30.33	38.90	30.56	39.10	30.76	39.30	30.90	39.50	31.04
Short- Circuit Current - Isc(A)	14.14	10.73	14.23	10.78	14.31	10.83	14.40	10.89	14.48	10.94	14.56	10.99
Voltage at Pmax -Vmp(V)	32.12	37.00	32.29	37.20	32.47	37.41	32.65	37.61	32.82	37.79	33.00	37.97
Current at Pmax - Imp(A)	13.39	11.09	13.47	11.14	13.55	11.19	13.63	11.25	13.71	11.30	13.79	11.35
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

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

Packing Configuration

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

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

