

N TYPE

SCAN CODE TO
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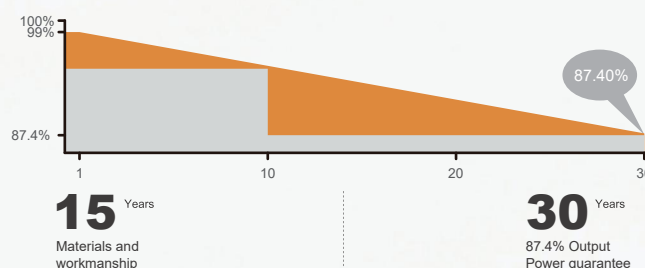


Learn more about the
production of 182mm
Mono PV Module

SKT595~625M10-156D4 595~625 Watt

182mm 16BB 156Cells Double Glass Bifacial
N Type Mono Half Cell PV Module Series

Sunket N Type Linear Warranty



SMBB Technology
Half Cut N Type Cell



High Energy
Performance



100% Inspection
30years Guarantee



Fire Class A



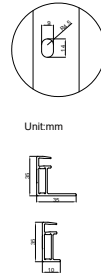
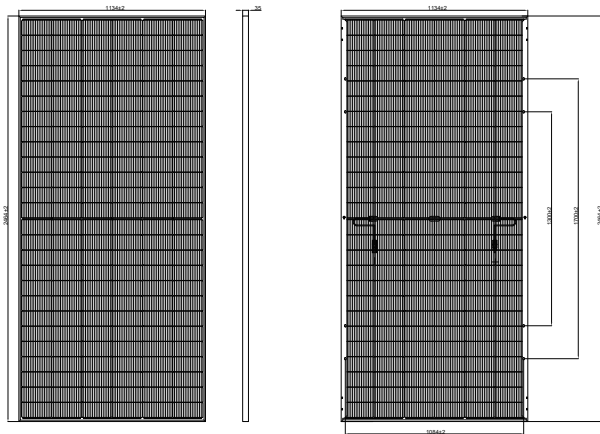
5400Pa
Strengthened
Mechanical Load



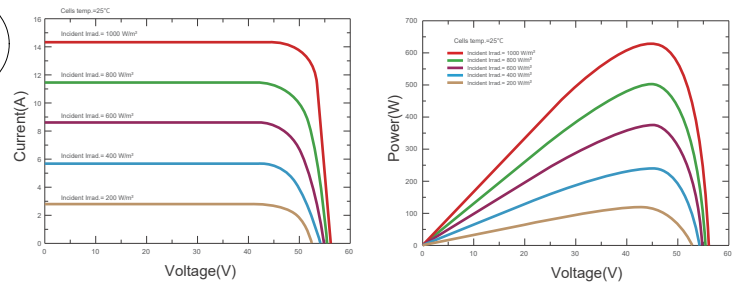
Advanced Bifacial
Efficiency



 **SUNKET[®] - Solar**



Current-Voltage & Power-Voltage Curves (SKT625M10-156D4)



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

Electrical Characteristics (STC/NOCT)

Module Type	SKT595M10-156D4		SKT600M10-156D4		SKT605M10-156D4		SKT610M10-156D4		SKT615M10-156D4		SKT620M10-156D4		SKT625M10-156D4	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	595	446	600	451	605	455	610	459	615	462	620	466	625	470
Open Circuit Voltage - Voc(V)	54.90	52.15	55.04	52.28	55.17	52.41	55.31	52.54	55.44	52.66	55.58	52.79	55.72	52.93
Short- Circuit Current - Isc(A)	13.79	11.12	13.87	11.19	13.95	11.26	14.03	11.33	14.11	11.39	14.19	11.46	14.27	11.52
Voltage at Pmax -Vmp(V)	45.08	41.88	45.25	42.04	45.43	42.25	45.60	42.35	45.76	42.43	45.93	42.56	46.10	42.69
Current at Pmax - Imp(A)	13.20	10.65	13.26	10.73	13.32	10.77	13.38	10.84	13.44	10.89	13.50	10.95	13.56	11.01
Module Efficiency - η m(%)	21.29	/	21.50	/	21.64	/	21.82	/	22.00	/	22.18	/	22.36	/
Power Tolerance(W)	(0, +4.99W)													
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

*Measurement tolerance: $\pm 3\%$ *Power binning up to: +3%

Mechanical Specifications

External Dimensions	2464×1134×35mm
Weight	34.6kg
Solar Cells	N-Type 16BB 182mm (2×78pcs)
Glass	AR Coated 2+2 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 Range	-40~+85°C
Nominal Operating Cell Temperature(NOCT)	45 $\pm$ 2°C

Bifacial Output Rear Side Power Gain

Power Gain	5%	15%	25%
Maximum Power- Pmax(W)	646	707	769
Open Circuit Voltage - Voc(V)	55.51	55.53	55.55
Short- Circuit Current - Isc(A)	14.80	16.19	17.61
Voltage at Pmax -Vmp(V)	45.82	45.85	45.86
Current at Pmax - Imp(A)	14.10	15.42	16.77

Packing Configuration

Pallet Dimensions	2500×1125×1254mm		
Ways of Transport	40'HQ	13.5m Flatbed Truck	17.5m Flatbed Truck
Pieces per Pallet	31 Pcs	31 Pcs	31 Pcs
Pallets per Container	16 Pallets	16 Pallets	26 Pallets
Pieces per Container	496 Pcs	496 Pcs	806 Pcs