

ULTRA
N TYPE

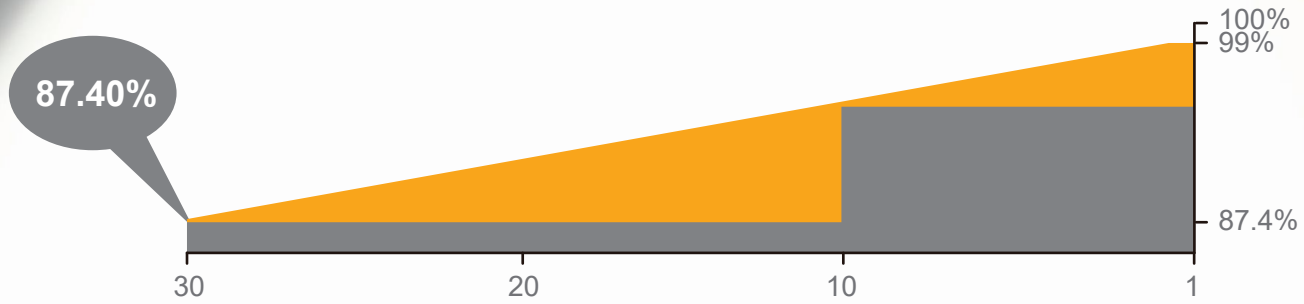
- Fire Class A
- High Energy Performance
- Strengthened Mechanical Load (5400Pa)
- Advanced Bifacial Efficiency
- 100% Inspection 30years Guarantee (100% TEST MES)
- SMBB Technology Half Cut N Type Cell

SKT540~565M10-132D5

540~565 Watt

192x182mm 16BB 132Cells Double Glass Bifacial
TOPCon Mono Half Cell PV Module Series

Sunket N Type Linear Warranty



30 Year
87.4% Output
Power guarantee

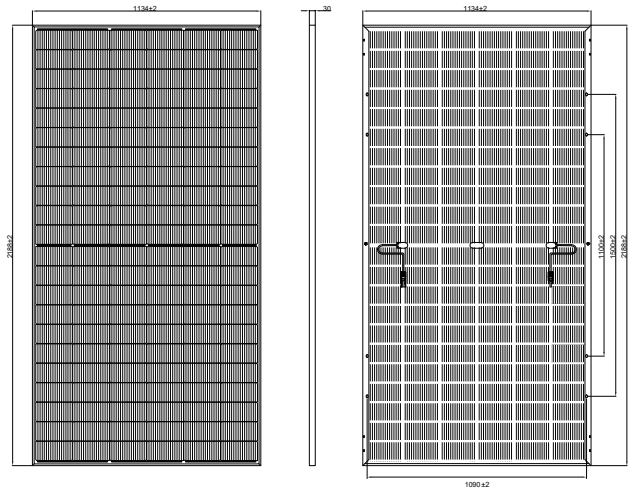
15 Year
Materials and
workmanship

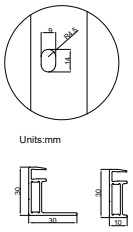
SUNKET® - Solar

SKT540~565M10-132D5

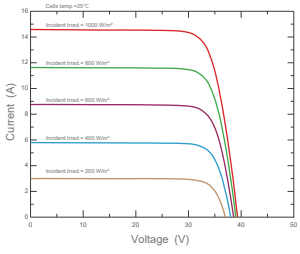
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N Type Mono Half Cell PV Module Series

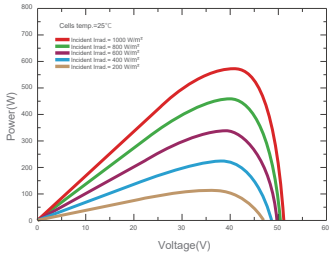
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Current-Voltage & Power-Voltage Curves (SKT565M10-132D5)





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

Electrical Characteristics (STC/NMOT)

Module Type	SKT540M10-132D5		SKT545M10-132D5		SKT550M10-132D5		SKT555M10-132D5		SKT560M10-132D5		SKT565M10-132D5	
Front Side	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power- Pmax(W)	540	409.5	545	412.9	550	416.3	555	419.8	560	423.2	565	427.7
Open Circuit Voltage - Voc(V)	47.36	44.05	47.54	44.23	47.71	44.41	47.89	44.59	48.06	44.77	48.24	44.95
Short- Circuit Current - Isc(A)	14.51	11.91	14.57	11.96	14.64	12.01	14.71	12.06	14.79	12.11	14.85	12.16
Voltage at Pmax -Vmp(V)	39.36	36.53	39.51	36.67	39.65	36.81	39.78	36.95	39.93	37.09	40.08	37.23
Current at Pmax - Imp(A)	13.72	11.21	13.79	11.26	13.87	11.31	13.95	11.36	14.02	11.41	14.10	11.46
Module Efficiency -ηm(%)	21.76	/	21.97	/	22.17	/	22.37	/	22.57	/	22.77	/
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　　NMOT： Irradiance 800W/m², Ambient Temperature 20℃, Air Mass1.5, Wind Speed 1m/s

Mechanical Specifications

External Dimensions	2188x1134x30mm
Weight	26.7kg
Solar Cells	N-Type 16BB 182x96mm (2x66pcs)
Glass	AR Coated 1.6+1.6 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm², 1200mm (+),1200mm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Bifacial Output Rear Side Power Gain

Power Gain	5%	10%	20%
Maximum Power- Pmax(W)	593.0	622.0	678.0
Open Circuit Voltage - Voc(V)	48.24	48.24	48.24
Short- Circuit Current - Isc(A)	15.59	16.33	17.82
Voltage at Pmax -Vmp(V)	40.08	40.08	40.08
Current at Pmax - Imp(A)	14.80	15.51	16.92

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(NMOT)	45±2°C

Packing Configuration

Pallet Dimensions	2218x1140x1254mm
Container	40'HQ
Pieces per Pallet	37
Pallets per Container	20
Pieces per Container	740

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