

SKT360~380M6

360~380 Watt

166mm 120Cells PV Solar Module



MBB PERC
Half Cut Cell



Excellent Low-light
Performance



100% Inspection
Guarantee Reliability



Anti PID



5400Pa
Strengthened
Mechanical Load

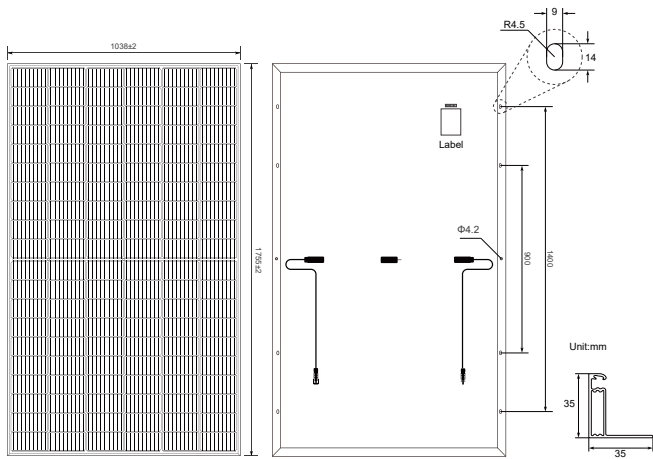


High Density
Packaging

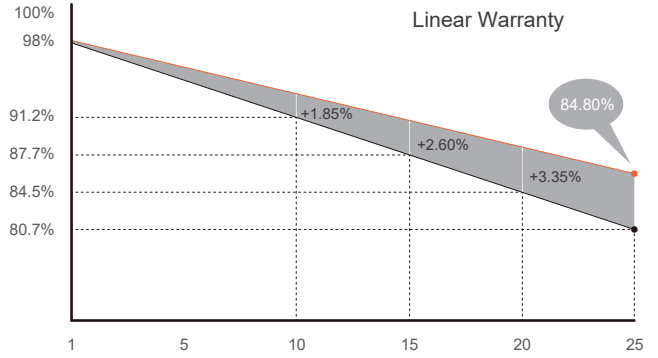


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166mm 120Cells Solar PV Module



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



12 Years
Material & Craft
Quality assurance

12 Years
90% Output
Power guarantee

25 Years
80% Output
Power guarantee

Electrical Characteristics (STC/NOCT)

Module Type	SKT360M6		SKT365M6		SKT370M6		SKT375M6		SKT380M6	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	360	268.8	365	272.6	370	276.3	375	280.0	380	283.8
Open Circuit Voltage - Voc(V)	40.5	38.0	40.7	38.2	40.9	38.3	41.1	38.5	41.3	38.7
Short- Circuit Current - Isc(A)	11.35	9.17	11.43	9.25	11.52	9.32	11.60	9.38	11.69	9.45
Voltage at Pmax -Vmp(V)	34.0	31.7	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.4
Current at Pmax - Imp(A)	10.59	8.49	10.68	8.56	10.76	8.63	10.84	8.69	10.92	8.76
Module Efficiency -ηm(%)	19.8	/	20.0	/	20.3	/	20.6	/	20.9	/
Power Tolerance(W)	(0, +4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	25A									

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

NOCT : Irradiance 800W/m², Ambient Temperature 20 C, Air Mass 1.5, Wind Speed 1m/s

Mechanical Specifications

External Dimensions	1755x1038x35mm
Weight	19.5kg
Solar Cells	Mono crystalline 166mm (2x60pcs)
Front Glass	AR Coated 3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0mm ² , 50cm (+), 50cm (-), length can be customized
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

Packing Configuration

	1755x1038x35mm	
Container	20'GP	40'HQ
Pieces per Pallet	36	33
Pallets per Container	6	26
Pieces per Container	216	858

Temperature Characteristics

Pmax Temperature Coefficient	-0.350%/ C
Voc Temperature Coefficient	-0.275%/ 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 (SKT380M6)

