

SKT380~400M6

380~400 Watt

166mm 120Cells Bifacial HJT Mono Half Cell PV-Module Series



MBB PERC
Half Cut Cell



Excellent Low-light
Performance



100% Inspection
Guarantee Reliability



Anti PID



5400Pa
Strengthened
Mechanical Load

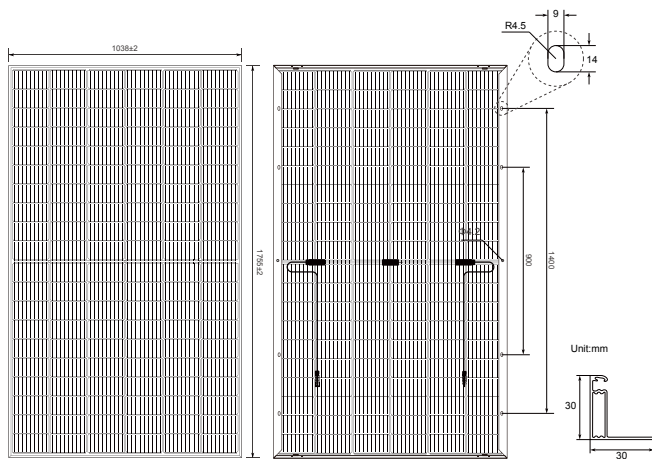


High Density
Packaging

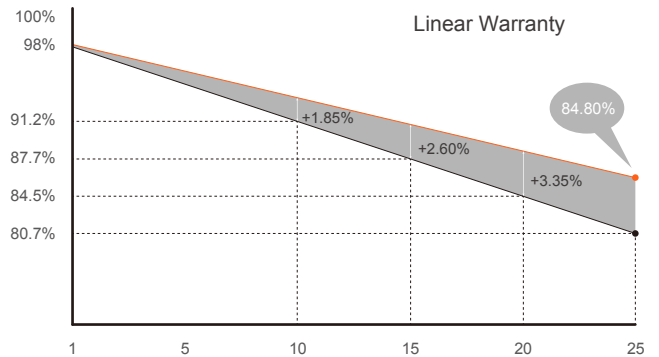


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All Dimensions in mm
The above drawing is a graphical representation of the product.
For engineering quality drawings please contact SUNKET.



12 Years
Material & Craft
Quality assurance

12 Years
90% Output
Power guarantee

25 Years
80% Output
Power guarantee

Electrical Characteristics (STC/BSTC)

Module Type	SKT380M6		SKT385M6		SKT390M6		SKT395M6		SKT400M6	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Maximum Power- Pmax(W)	380	420	385	425	390	430	395	435	400	440
Open Circuit Voltage - Voc(V)	44.22	45.34	44.35	45.61	44.48	45.94	44.61	46.81	44.74	47.51
Short- Circuit Current - Isc(A)	10.50	11.49	10.56	11.53	10.62	11.57	10.68	11.61	10.74	11.65
Voltage at Pmax -Vmp(V)	37.52	38.31	37.7	38.50	37.91	38.67	38.16	38.93	38.36	39.20
Current at Pmax - Imp(A)	10.14	11.09	10.22	11.13	10.3	11.18	10.36	11.23	10.43	11.28
Module Efficiency -ηm(%)	20.9	/	21.10	/	21.4	/	21.7	/	22.0	/
Power Tolerance(W)	(0, +4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	20A									

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	1755x1038x30mm
Weight	23.5kg
Solar Cells	Mono crystalline 166mm (2x60pcs)
Front Glass	AR Coated 2mm+2mm 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

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

Packing Configuration

	1755x1038x30mm	
Container	20'GP	40'HQ
Pieces per Pallet	35	35
Pallets per Container	6	26
Pieces per Container	210	910

Current-Voltage & Power-Voltage Curves (SKT400M6)

