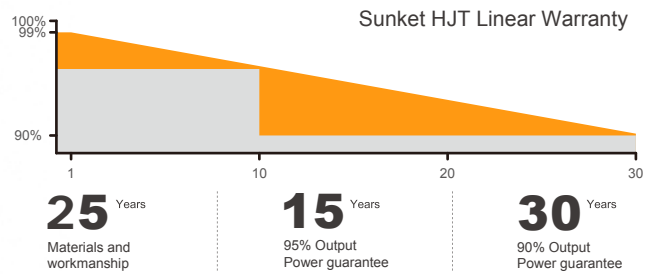





# SKT400~420M6 400~420 Watt

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




 MBB PERC  
Half Cut Cell

 Excellent Low-light  
Performance

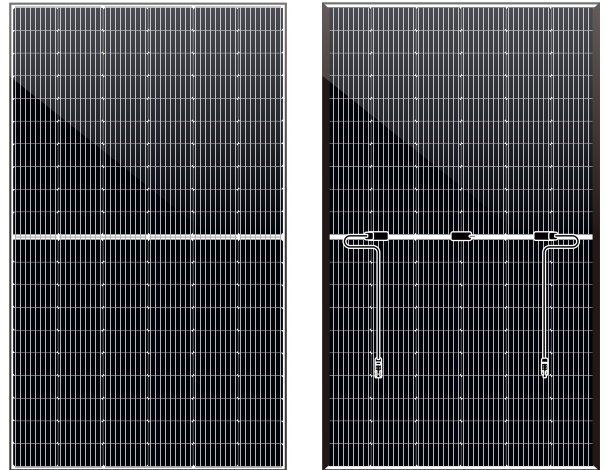
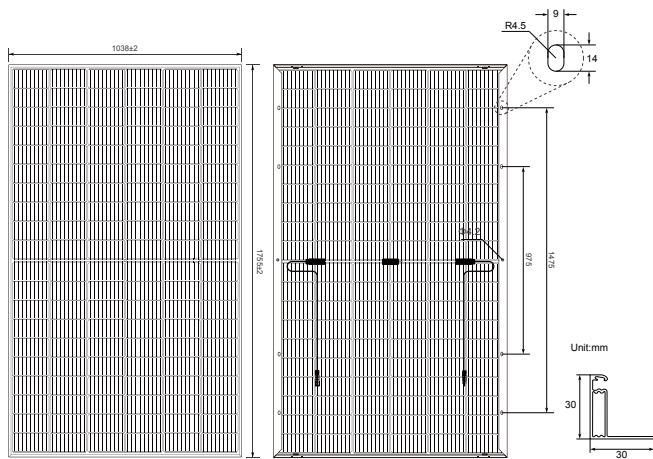
 100% Inspection  
Guarantee Reliability

 Anti PID

 Strengthened  
Mechanical Load

 High Density  
Packaging





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

## Electrical Characteristics (STC/BSTC)

Module Type	SKT400M6		SKT405M6		SKT410M6		SKT415M6		SKT420M6	
	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC	STC	BSTC
Maximum Power- Pmax(W)	400	440	405	445	410	450	415	455	420	460
Open Circuit Voltage - Voc(V)	44.74	47.51	44.87	47.64	45.00	47.77	45.13	47.91	45.26	48.03
Short- Circuit Current - Isc(A)	10.74	11.65	10.80	11.69	10.86	11.73	10.92	11.77	10.98	11.81
Voltage at Pmax -Vmp(V)	38.36	39.20	38.7	39.50	38.91	39.67	39.16	39.93	39.36	40.20
Current at Pmax - Imp(A)	10.43	11.22	10.47	11.26	10.54	11.34	10.60	11.39	10.67	11.44
Module Efficiency -ηm(%)	22.0	/	22.2	/	22.5	/	22.7	/	23.0	/
Power Tolerance(W)	(0, +4.99W)									
Maximum System Voltage(V)	1500Vdc (IEC / UL)									
Maximum Series Fuse Rating (A)	20A									

STC : Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25 C, Air Mass 1.5

NOCT : Irradiance 800W/m<sup>2</sup>, 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 <sup>2</sup> , 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 (SKT420M6)

