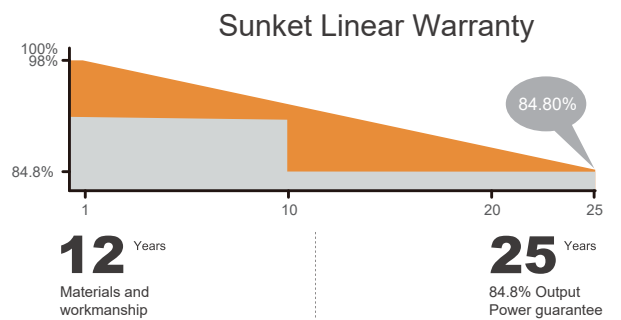





FLEX


SKT 465~485M10
465~485 Watt
MONO FLEXIBLE MODULE




 Lightweight

 Wide range of applications


 Light transmittance $\geq 91\%$

 Safe and waterproof

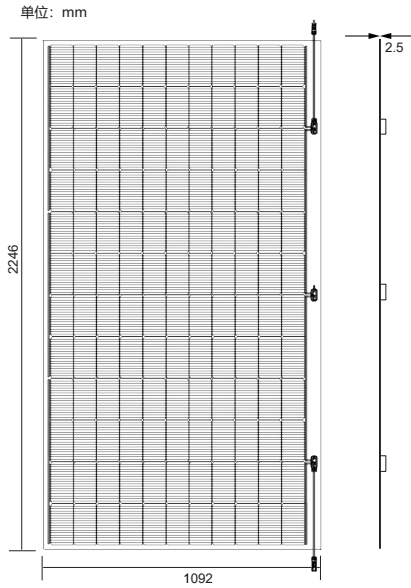
 Effortless installation

 Improved overall strength

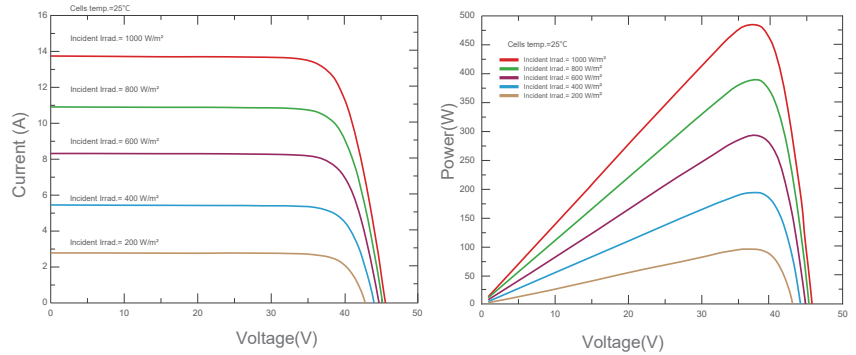
 Durable

 Excellent UV protection





Current-Voltage & Power-Voltage Curves (SKT485M10)



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

Electrical Characteristics (STC/NOCT)

Module Type	SKT465M10		SKT470M10		SKT475M10		SKT480M10		SKT485M10	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power - Pmax(W)	465	349	470	353	475	357	480	361	485	365
Open Circuit Voltage - Voc(V)	44.56	41.26	44.71	41.40	44.86	41.54	45.01	41.68	45.16	41.82
Short-Circuit Current - Isc(A)	13.54	10.94	13.60	10.99	13.66	11.04	13.72	11.09	13.78	11.14
Voltage at Pmax - Vmp(V)	37.27	34.51	37.44	34.67	37.61	34.83	37.78	34.99	37.95	35.15
Current at Pmax - Imp(A)	12.50	10.12	12.57	10.19	12.64	10.26	12.71	10.33	12.79	10.40
Module Efficiency - ηm(%)	18.96	/	19.16	/	19.37	/	19.57	/	19.77	/
Power Tolerance(W)	(0, +5W)									
Maximum System Voltage(V)	DC1500Vdc (IEC)									
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 Mass1.5, Wind Speed 1m/s

Mechanical Specifications

External Dimensions	2246x1092x2.5mm
Weight	7.4kg
Solar Cells	Mono crystalline 182x91mm (12x11pcs)
Junction Box	IP68
Output Cables	4.0mm ² , 400mm (+),400mm (-), length can be customized
Connector	MC4 Compatible

Temperature Characteristics

Pmax Temperature Coefficient	-0.370%/°C
Voc Temperature Coefficient	-0.280%/°C
Isc Temperature Coefficient	+0.050%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature(NMOT)	45±2°C

Packing Configuration

	2246x1092x2.5mm
Container	40'HQ
Pieces per wooden box	70
Wooden box per Container	20
Pieces per Container	1400