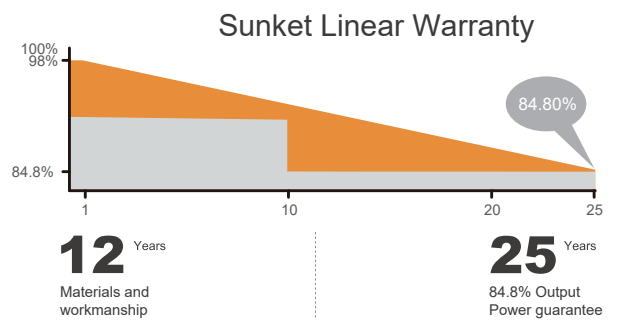






FLEX


SKT 480~485M10
480~485 Watt
MONO FLEXIBLE MODULE




 Lightweight

 Wide range of applications


 Light transmittance $\geq 91\%$

 Safe and waterproof

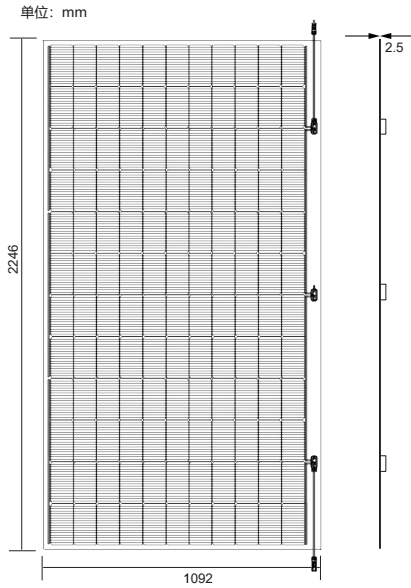
 Effortless installation

 Improved overall strength

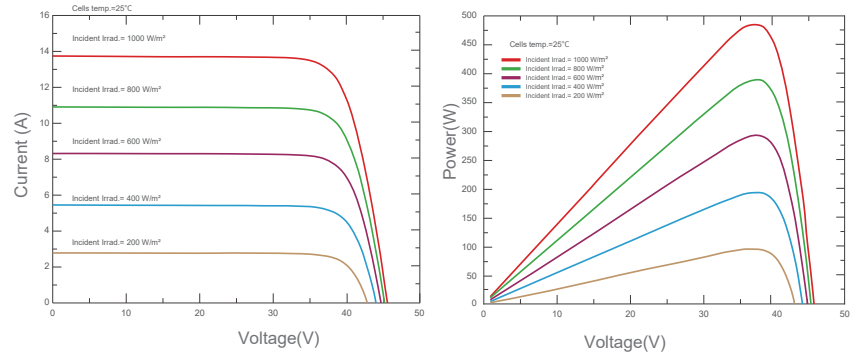
 Durable

 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	SKT480M10		SKT485M10	
	STC	NOCT	STC	NOCT
Test Conditions	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	480	361	485	365
Open Circuit Voltage - Voc(V)	45.01	41.68	45.16	41.82
Short- Circuit Current - Isc(A)	13.72	11.09	13.78	11.14
Voltage at Pmax -Vmp(V)	37.78	34.99	37.95	35.15
Current at Pmax - Imp(A)	12.71	10.33	12.79	10.40
Module Efficiency -ηm(%)	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