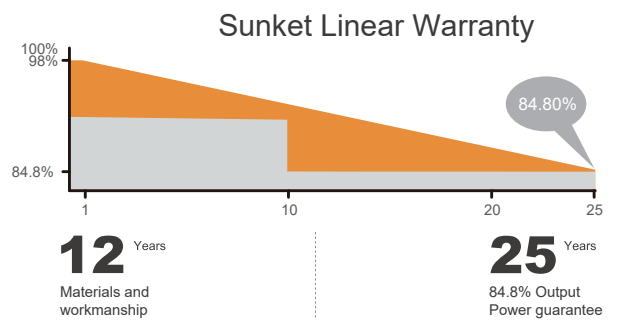





FLEX


SKT 430~445M10
430~445 Watt
MONO FLEXIBLE MODULE




 Lightweight

 Wide range of applications


 Light transmittance $\geq 91\%$

 Safe and waterproof

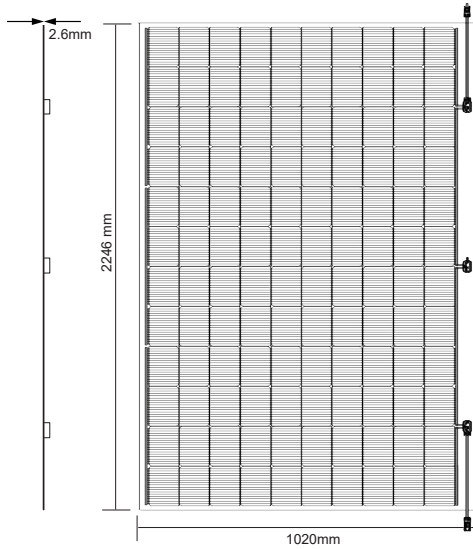
 Effortless installation

 Improved overall strength

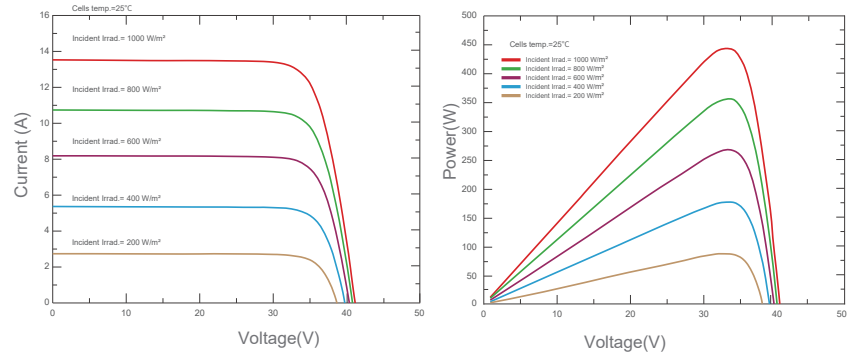
 Durable

 Excellent UV protection





Current-Voltage & Power-Voltage Curves (SKT445M10)



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

Electrical Characteristics (STC/NOCT)

Module Type	SKT430M10		SKT435M10		SKT440M10		SKT445M10	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Front Side	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power- Pmax(W)	430	320	435	324	440	328	445	332
Open Circuit Voltage - Voc(V)	40.60	38.31	40.80	38.45	41.00	38.59	41.20	38.73
Short- Circuit Current - Isc(A)	13.25	10.95	13.33	11.01	13.41	11.07	13.49	11.13
Voltage at Pmax -Vmp(V)	33.50	31.05	33.70	31.21	33.90	31.39	34.10	31.57
Current at Pmax - Imp(A)	12.82	10.34	12.90	10.39	12.98	10.45	13.06	10.51
Module Efficiency -ηm(%)	18.77	/	18.99	/	19.21	/	19.42	/
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	2246x1020x2.6mm
Weight	7.6kg
Solar Cells	Mono crystalline 182x91mm (12x10pcs)
Junction Box	IP68
Output Cables	4.0mm², 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

	2246x1020x2.6mm
Container	40'HQ
Pieces per wooden box	70
Wooden box per Container	20
Pieces per Container	1400