



## SM10P

POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3%



### KEY FEATURES



#### High Power Output:

Polycrystalline module with high efficiency achieves a power output .



#### Anti-PID Guarantee:

Limited power degradation of Eagle module caused by PID effect is guaranteed under 60°C/85% RH condition for mass production.



#### Low-light Performance:

Advanced glass and surface texturing allow for excellent performance in low-light environments.



#### Severe Weather Resilience:

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



#### Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.

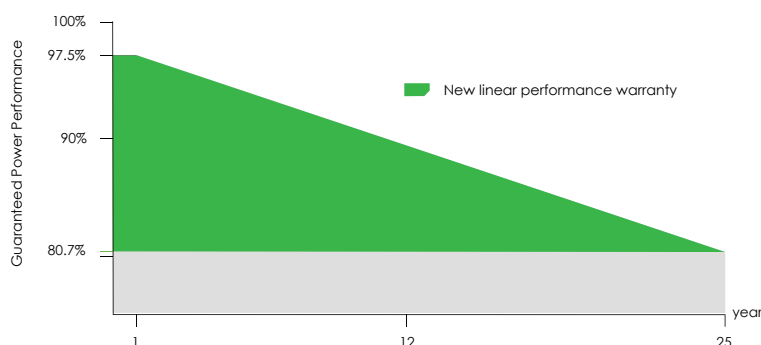


#### Temperature Coefficient:

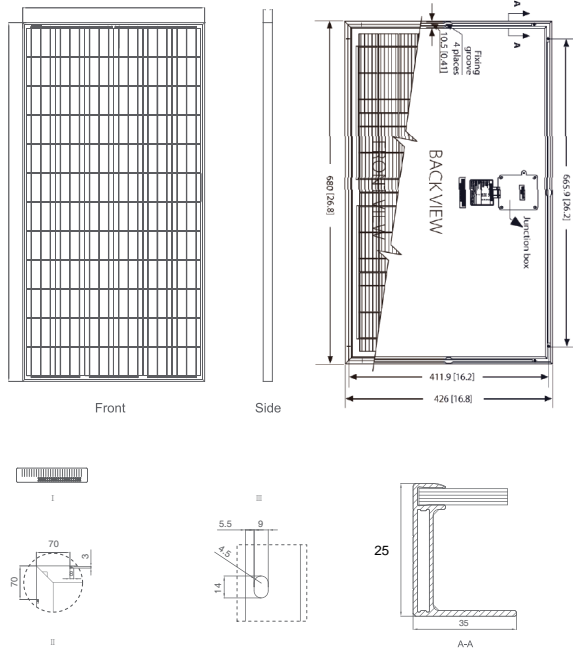
Improved temperature coefficient decreases power loss during high temperatures.

### LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings

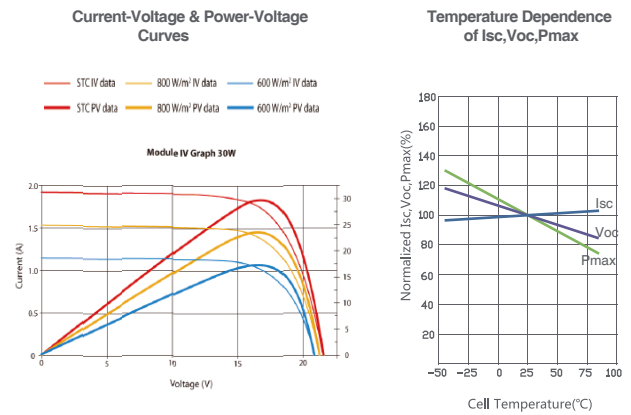


## Packaging Configuration

(Two boxes = One pallet)

1pcs/box, 100box/pallet

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Poly-crystalline
No. of cells	36(2×18)
Dimensions	470x177x15mm
Weight	0.37kgs
Front Glass	1.8mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TUV 1x2.5mm, Length 600mm

## SPECIFICATIONS

Module Type	SM10P
Maximum Power (Pmax)	10Wp
Maximum Power Voltage (Vmp)	18V
Maximum Power Current (Imp)	0.55A
Open-circuit Voltage (Voc)	21.5V
Short-circuit Current (Isc)	0.59A
Module Efficiency STC (%)	17%
Operating Temperature(°C)	-40°C~+85°C
Maximum system voltage	1000VDC (IEC)
Maximum series fuse rating	5A
Power tolerance	0~+3%
Temperature coefficients of Pmax	-0.40%/°C
Temperature coefficients of Voc	-0.30%/°C
Temperature coefficients of Isc	0.06%/°C
Nominal operating cell temperature (NOCT)	47±2°C

STC: Irradiance 1000W/m<sup>2</sup>

Cell Temperature 25°C

AM=1.5