



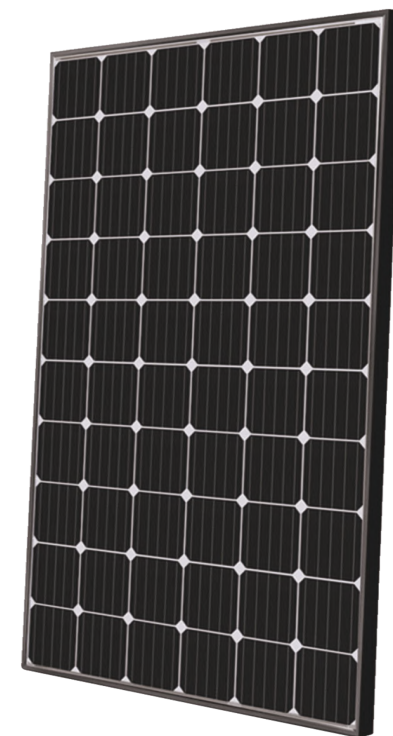
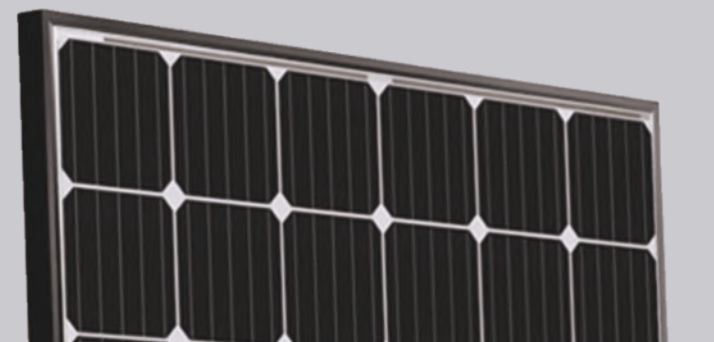
# SNC300-30-M 290-310 Watt

MONO CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

ISO9001:2008, ISO14000 certified  
IEC61215, IEC61730 MCS, CEC  
certified products.

(5BB)



## KEY FEATURES

- 5 Busbar Solar Cell:**  
5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.
- High Efficiency:**  
High module conversion efficiency (up to 16.80%), through innovative manufacturing technology.
- Low-light Performance:**  
Advanced glass and solar cell 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.

## CERTIFICATES

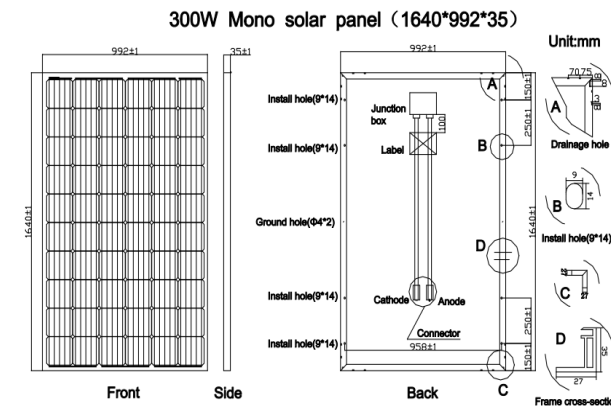


**0 to +5W** 0 to +5W positive tolerance  
Detailed information in Electrical Specifications

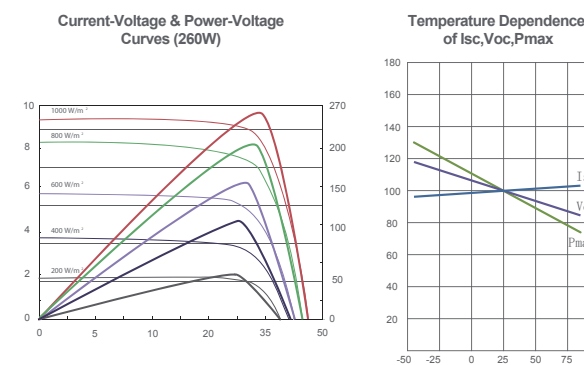
**Excellent loading capability**  
2400Pa wind loads, 5400Pa snow loads.

**Easy & Quick** Easy Installation and Handling  
For various applications

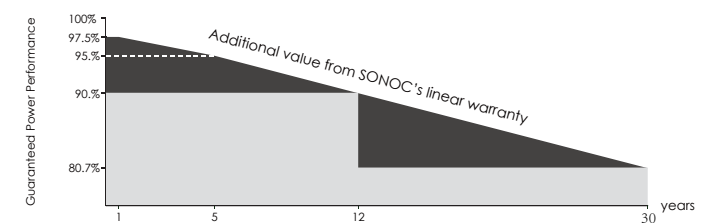
## Engineering Drawings



## Electrical Performance & Temperature Dependence



## LINEAR PERFORMANCE WARRANTY



**12 YEARS** Guarantee on product material and workmanship  
**30 YEARS** Linear power output warranty

## Mechanical Characteristics

Cell Type	Mono Crystalline 156*156
No. of cells	60 (6*10)
Dimensions	1640*992*35mm
Weight	18.6 kg (41 lbs)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65/IP67 Rate
Output Cables	TUV 1*4.0mm <sup>2</sup> , Length: 900mm or Customized Length

## Packaging Configuration

(Two pallet=One stack)  
30pcs/pallet, 66pcs/stack, 924pcs/40'HQ' Container

## SPECIFICATIONS

Module Type	SNC290-30-M	SNC295-30-M	SNC300-30-M	SNC305-30-M	SNC310-30-M
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	290	295	300	305	310
Maximum Power Voltage (Vmp)	31.21	31.32	31.39	31.49	31.55
Maximum Power Current (Imp)	9.30	9.42	9.56	9.69	9.83
Open-circuit Voltage (Voc)	37.45	37.58	37.67	37.79	37.86
Short-circuit Current (Isc)	9.86	9.99	10.19	10.32	10.47
Module Efficiency STC (%)	17.82%	18.13%	18.44%	18.13%	18.44%
Operating Temperature(°C)	-40°C~+85°C				
Maximum system voltage	1000VDC (IEC)				
Maximum series fuse rating	15A				
Power tolerance	0~+3%				
Temperature coefficients of Pmax	-0.41%/°C				
Temperature coefficients of Voc	-0.31%/°C				
Temperature coefficients of Isc	0.06%/°C				
Nominal operating cell temperature (NOCT)	45±2°C				

STC: ☀ Irradiance 1000W/m<sup>2</sup> 📦 Cell Temperature 25°C ☁ AM=1.5

NOCT: ☀ Irradiance 800W/m<sup>2</sup> 📦 Ambient Temperature 20°C ☁ AM=1.5 🌬 Wind Speed 1m/s

\* Power measurement tolerance: ± 3%