

Yangtze Solar

60 Cells

280-330 Watt

MONO CRYSTALLINE MODULE

ISO9001:2008、ISO14001:2004、OHSAS18001
certified factory.
IEC61215、IEC61730 certified products.



KEY FEATURES



Positive tolerance:

Positive tolerance of up to 5W delivers higher output reliability.



High Efficiency:

Higher module conversion efficiency benefit from Passivated Emmitter Rear Contact (PERC) technology.



PID RESISTANT:

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance:

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



Severe Weather Resilience:

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

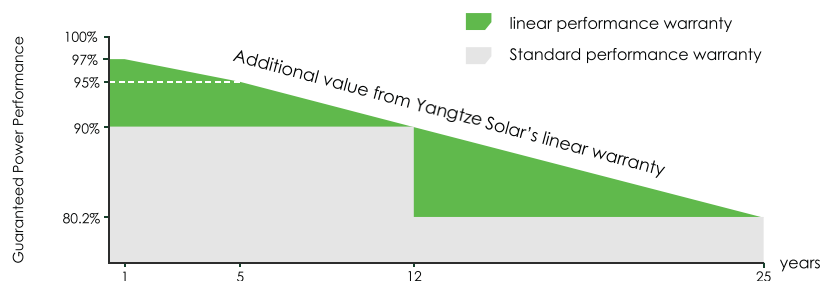


Durability against extreme environmental conditions:

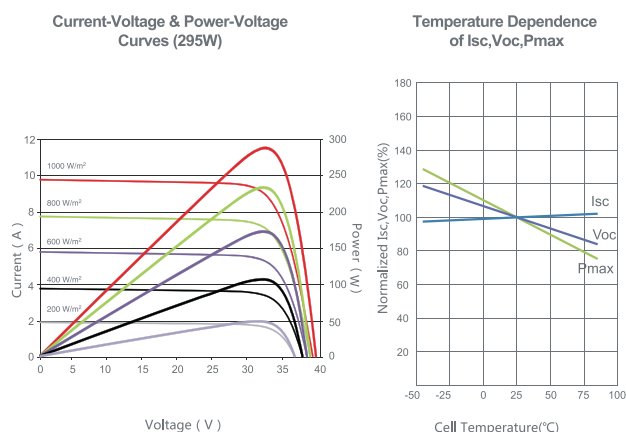
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



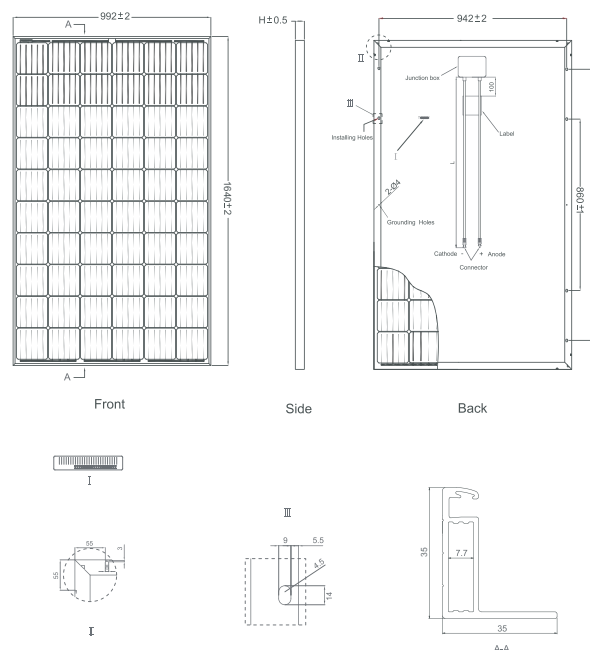
Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono-crystalline PERC 156×156mm (6 inch)
No. of cells	60 (6×10)
Dimensions	1640×992×35mm (64.57×39.05×1.37 inch)
Weight	18.5 kg (40.8 lbs)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm² Length: 900mm or Customized Length

Engineering Drawings



Packaging Configuration

(Two pallets =One stack)

30pcs/pallet , 60pcs/stack, 840 pcs/40'HQ Container

SPECIFICATIONS

Module Type	YS280M-60	YS290M-60	YS295M-60	YS300M-60	YS310M-60	YS315M-60	YS320M-60	YS330M-60
Maximum Power (Pmax)	280W	290W	295W	300W	310W	315W	320W	330W
Maximum Power Voltage (Vmp)	31.8V	32.2V	32.4V	32.6V	33.0V	33.2V	33.4V	34.0V
Maximum Power Current (Imp)	8.81A	9.01A	9.10A	9.21A	9.40A	9.49A	9.58A	9.70A
Open-circuit Voltage (Voc)	38.0V	38.4V	39.7V	40.1V	40.5V	40.7V	40.9V	41.63V
Short-circuit Current (Isc)	9.45A	9.68A	9.61A	9.72A	9.92A	10.04A	10.14A	10.26A
Module Efficiency STC (%)	17.20%	17.90%	18.02%	18.44%	19.05%	19.36%	19.67%	20.28%
Operating Temperature(°C)	-40°C~+85°C							
Maximum system voltage	1000VDC or 1500VDC							
Maximum series fuse rating	20A							
Power tolerance	0~+3%							
Temperature coefficients of Pmax	-0.39%/°C							
Temperature coefficients of Voc	-0.29%/°C							
Temperature coefficients of Isc	0.048%/°C							
Nominal operating cell temperature (NOCT)	45±2°C							

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

NOCT: Irradiance 800W/m², Ambient Temperature 20°C, AM=1.5, Wind Speed 1m/s

* Power measurement tolerance: ± 3%

The company reserves the final right for explanation on any of the information presented hereby. Yangze Solar.