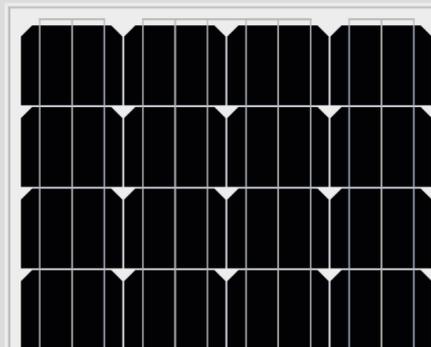


Yangtze Solar

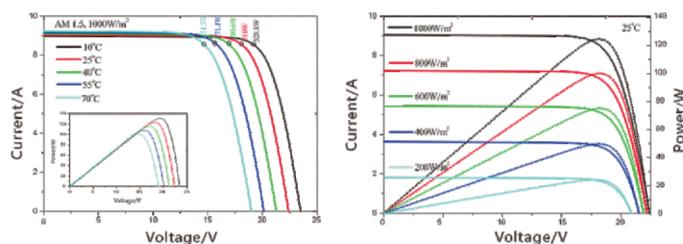
36 Cells

70~100Watt

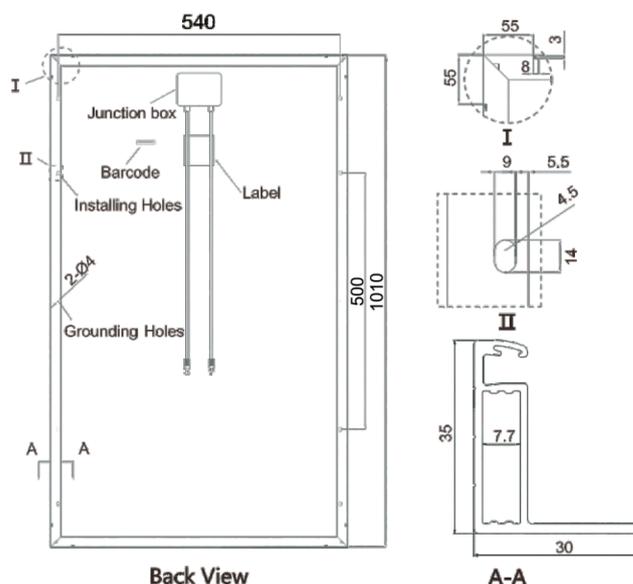
MONO CRYSTALLINE MODULE



Electrical Performance & Temperature Dependence



Engineering Drawings



Mechanical Characteristics

Cell Type	Mono-crystalline PERC 156×156mm (6 inch)
No. of cells	36 (4 x 9)
Fuse rating	15A
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm ² ; Length: 900mm or Customized Length

SPECIFICATIONS

Module Type	YS70M-36	YS75M-36	YS80M-36	YS90M-36	YS95M-36	YS100M-36
Maximum Power (Pmax)	70W	75W	80W	90W	95W	100W
Maximum Power Voltage (Vmp)	18.40V	18.60V	18.80V	18.20V	18.40V	18.60V
Maximum Power Current (Imp)	3.80A	4.03A	4.25A	4.95A	5.16A	5.38A
Open-circuit Voltage (Voc)	22.08V	22.32V	22.56V	21.84V	22.08V	22.32V
Short-circuit Current (Isc)	4.57A	4.84A	5.10A	5.93A	6.20A	6.45A
Module Efficiency STC (%)	14.80%	14.90%	16.20%	14.98%	15.00%	15.30%
Dimensions	780*680*30mm			1010*540*35mm		
Maximum system voltage	600VDC			600VDC		
Weight	5.6Kg			7.1Kg		
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 Yangtze Solar.