



## YS 180-185 SM / Monocrystalline Single Glass 36 Series

180W/185W

**10**  
Years  
Product warranty



### High output efficiency

PID Free ensuring high efficiency output of the system.



### Superior weak light effect

Excellent module efficiency in the weak light conditions.



### Excellent loading capacity

Passed mechanical load testing 5400Pa



### Strong adaptability

Passed TUV salt mist and ammonia resistance testing.



### Easy Installation

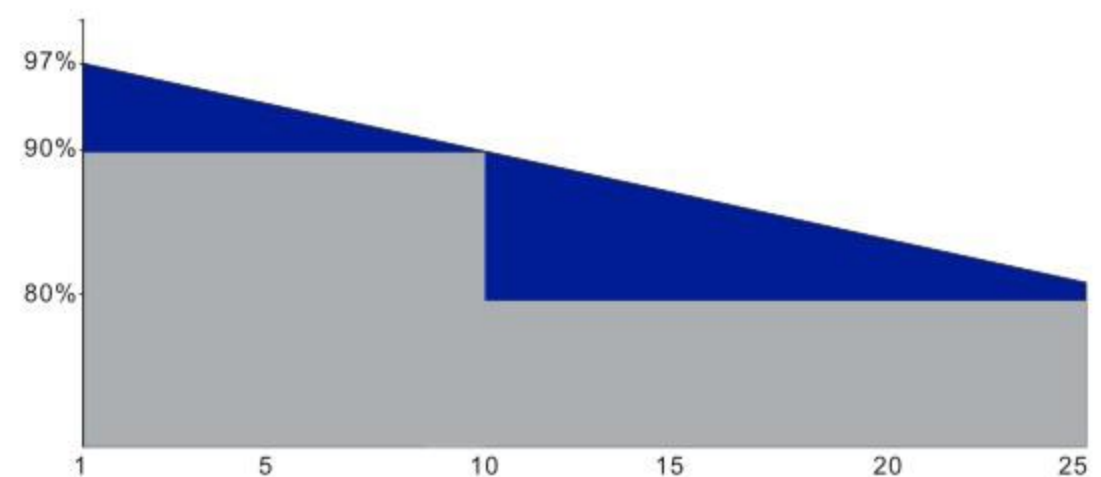
Suitable for a variety of applications



### Durability

High quality raw materials and fine workmanship

**25**  
Years  
Linear power  
output  
Warranty



GREEN ENERGY PRODUCTS



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## SPECIFICATION

Module	YS180SM-36	YS185SM-36
Maximum Power (Pmax W)	180	185
Open-circuit Voltage (Voc V)	23.83	24.27
Maximum Power Voltage (Vmp V)	18.29	18.67
Short-circuit Current (ISC A)	9.77	9.86
Maximum Power Current (Imp A)	9.84	9.91
Module Efficiency STC (%)	17.86	18.38
Power Tolerance	0~+5W	
Temperature coefficients of Isc(A-Isc)	+0.037%/°C	
Temperature coefficients of Voc(B-Voc)	-0.34%/°C	
Temperature coefficients of Pmax(C-Pmp)	-0.48%/°C	
Standard Testing Condition(STC)	Irradiance 1000W/ m <sup>2</sup> , Cell Temperature 25°C ± 2 , AM1.5G	

Remark: The technical specification belongs to monocrystalline 36-cell module only.

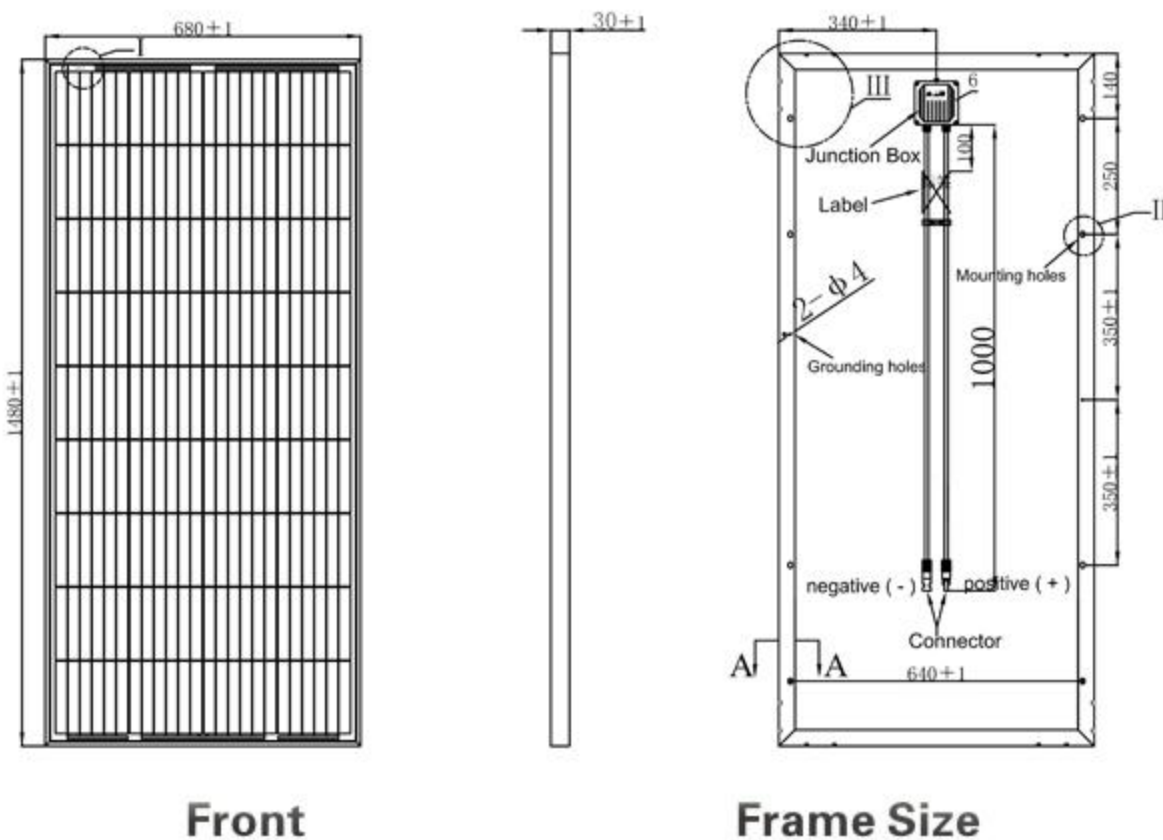
## SPECIFICATION

Module Type	Monocrystalline
Dimension	1480*680*30 (mm)
Weight	11.8 (kg)
No. of Cells	36 (pcs)
Packing	34 sets/ctn

## APPLICATION

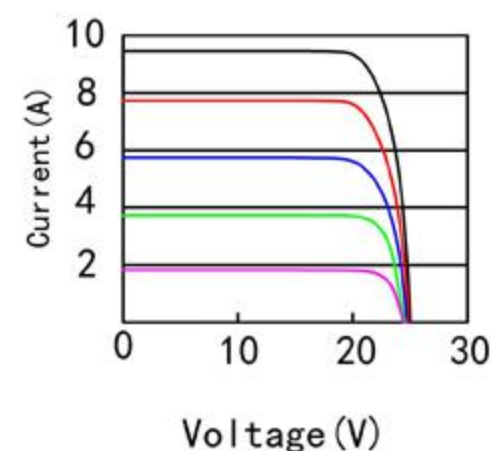
Maximum System Voltage	1000V/1500V DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	20A
Nominal Operating Cell Temperature (NOCT)	45 ± 2°C
Application Class	Class A

## Engineering Drawing



## Linear Characteristic

Current-Voltage Curve



power-Voltage Curve

