



YS290-310SM / Monocrystalline Single Glass 60 Series

290W/295W/300W/305W/310W

10
Years

Product warranty

25
Years

Linear power
output
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.



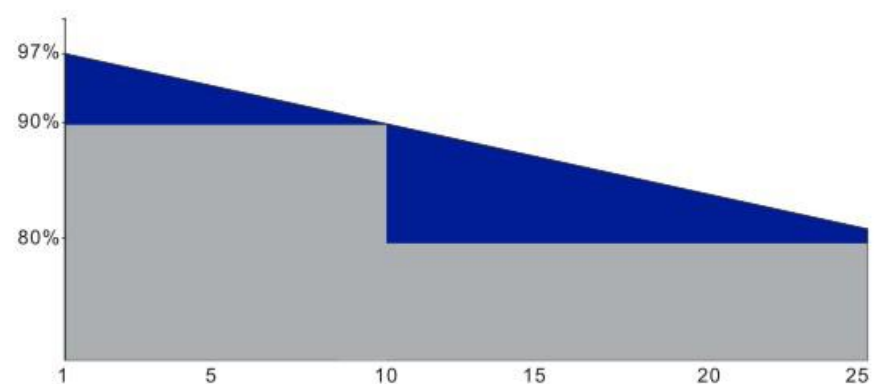
Easy Installation

Suitable for a variety of applications



Durability

High quality raw materials and fine workmanship



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Guangdong Yaosheng Solar Technology Co., Ltd.

SPECIFICATION

Module	YS290SM-60	YS295SM-60	YS300SM-60	YS305SM-60	YS310SM-60
Maximum Power (Pmax W)	290	295	300	305	310
Open-circuit Voltage (Voc V)	39.46	39.64	39.85	40.05	40.30
Maximum Power Voltage (Vmp V)	31.8	32.03	32.26	32.57	32.84
Short-circuit Current (ISC A)	9.57	9.66	9.75	9.85	9.91
Maximum Power Current (Imp A)	9.12	9.21	9.3	9.37	9.44
Module Efficiency STC (%)	17.70	18.00	18.30	18.70	19.00
Power Tolerance	0~+5W				
Temperature coefficients of Isc(A-Isc)	+0.060%/°C				
Temperature coefficients of Voc(B-Voc)	-0.300%/°C				
Temperature coefficients of Pmax(C-Pmp)	-0.380%/°C				
Standard Testing Condition(STC)	Irradiance 1000W/ m ² , Cell Temperature 25°C ± 2, AM1.5G				

Remark: The technical specification belongs to monocrystalline 60-cell module only.

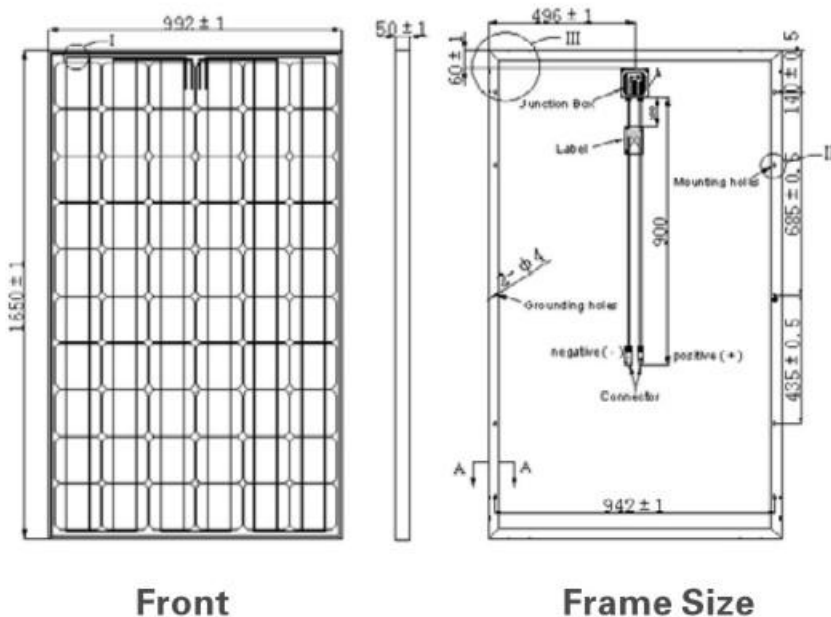
SPECIFICATION

Module Type	Monocrystalline
Dimension	1650*992*35(mm)
Weight	18.2 (kg)
No. of Cells	60 (pcs)
Packing	30sets/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

