

72-cell Half-cell PERC Module Series

390W/395W/400W/405W/410W

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.



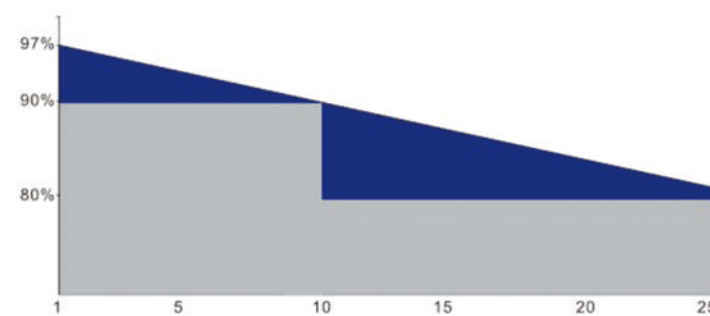
Easy Installation

Suitable for a variety of applications



Durability

High quality raw materials and fine workmanship



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SPECIFICATION

Module	YS390SM-144PR	YS395SM-144PR	YS400SM-144PR	YS405SM-144PR	YS410SM-144PR
Maximum Power (Pmax W)	390	395	400	405	410
Open-circuit Voltage (Voc V)	48.91	49.21	49.50	49.81	50.12
Maximum Power Voltage (Vmp V)	40.55	40.85	41.17	41.46	41.76
Short-circuit Current (ISC A)	10.16	10.21	10.26	10.32	10.37
Maximum Power Current (Imp A)	9.62	9.67	9.72	9.77	9.82
Module Efficiency STC (%)	19.4	19.7	19.9	20.2	20.4
Power Tolerance	0~+5W				
Temperature coefficients of Isc (A-Isc)	+0.051%° C				
Temperature coefficients of Voc (B-Voc)	-0.289%° C				
Temperature coefficients of Pmax (C-Pmp)	-0.350%° C				
Standard Testing Condition (STC)	Irradiance 1000W/m ² , Cell Temperature 25° C, AM1.5G				

Remark: The technical specification belongs to 72-cell half-cell PERC module series only.

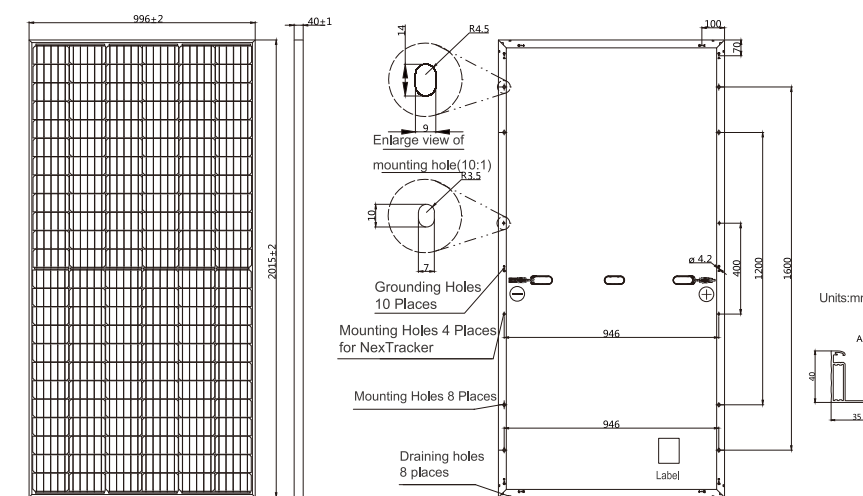
SPECIFICATION

Module Type	Monocrystalline
Dimension	2015 ± 2*996 ± 2*40 ± 1 (mm)
Weight	22.7kg ± 3%
No. of Cells	144 (pcs)
Packing	27sets/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

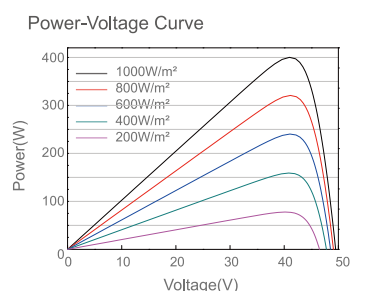
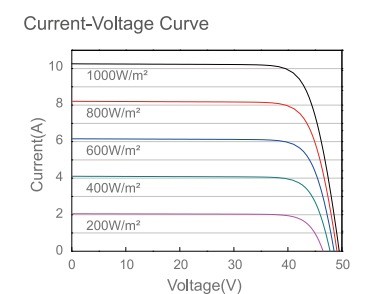
Engineering Drawing



Front

Frame Size

Linear Characteristic



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YS SOLAR reserves the final right for explanation on any of the information presented hereby.