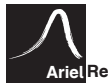


S330M40BPV

Shinson is a leading professional supplier in the renewable energy industry, specializing in the production and distribution of high-quality PV modules, completed PV kits, and energy storage solutions. With a commitment to sustainable energy solutions, we strive to provide innovative and reliable products to meet the growing global demand for clean and efficient power generation.

With a focus on quality, innovation, and customer satisfaction, we strive to empower individuals, businesses, and communities with reliable and sustainable energy solutions. By harnessing the power of the sun and embracing renewable energy, we are driving the transition towards a greener and more sustainable future.

S-Blade™ series of PV modules are designed for building integration, agriculture, solar fences and some other applications which request higher transparency modules.



High transparency, high efficiency

The optimized number and width of main gate lines, ensure the sunlight can go through and high efficiency of cells maximize the power generation.



Half-Cut Cell design

Half cut cell technology can reduce the internal power loss and improve the output power. Excellent heat dissipation avoids hot spot production



Longer life span with 30 years warranty

Shinson extended the warranty period up to 30 years for both performance and workmanship which is on top level of the industry for bifacial double glassed modules.



Lower power degradation with more generation

Ensured PID resistance through cell process and module material control to help harvest more, guaranteed only 0.4% annual power degradation.

S.blade[™]

BIPV Frameless

330W

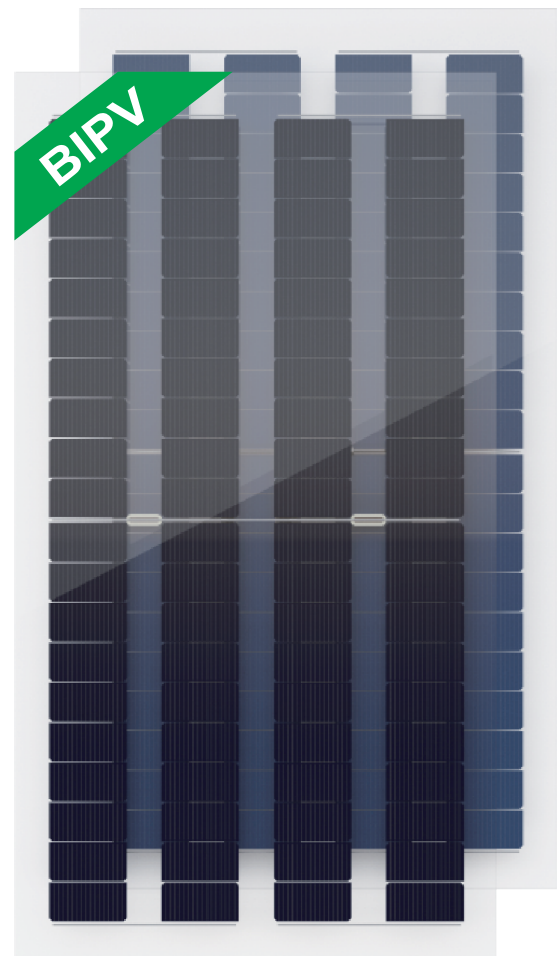
Maximum Output Power

80

Bifacial Cells

45%

Transmittance



Electrical Data (STC)

Part Number	S330M40BPV
Peak Power Watts- $P_{MAX}(Wp)^*$	330
Power Output Tolerance	0/+5W
Open Circuit Voltage- $V_{oc}(V)$	28.12
Short Circuit Current- $I_{sc}(A)$	13.77
Maximum Power Voltage- $V_{MPP}(V)$	24.60
Maximum Power Current- $I_{MPP}(A)$	13.01
Module Efficiency- $\eta_m(\%)$	19.55

STC :Irradiance 1000w/m²,Cell Temperature 25°C *Mearsure tolerance:±3%

Mechanical Data

Panel Dimension(H/W/D)	2088×1128×5 mm
Weight	27kg
Cell Type	N-Topcon cells
Cell Number	80 (40x2)
Front/Back Glass	2 mm+2 mm tempered glass
Frame	Aluminum
Junction Box	IP67
Output Cables	4.0mm ² , 120cm (+), 120cm (-), length can be customized
Connector	MC4 Compatible

Temperature Ratings

Nominal Operating Cell Temp.(NOCT)	45°C(±2°C)
Temperature Coefficient of P_{MAX}	-0.290%/°C
Temperature Coefficient of V_{oc}	-0.250%/°C
Temperature Coefficient of I_{sc}	+0.045%/°C

* Do not connect Fuse in Combiner Box with two or more strings in parallel connection

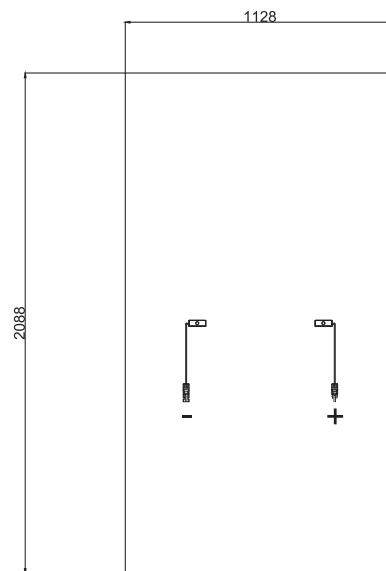
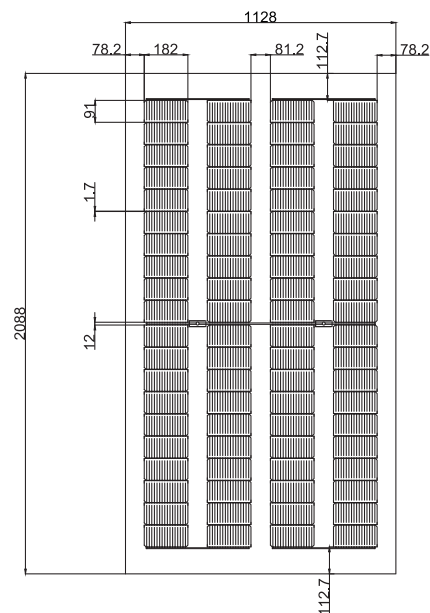
Packaging Configuration

Modules per box	34 pieces
Modules per 40' container	612 pieces

Warranty

Product Workmanship Warranty	30 years
Output Power Warranty	30 years

Dimensions of PV Module(mm)



Maximum Ratings

Operational Temperature	-40~±85 °C
Front/Rear Side Load	5400/2400pa
Max Series Fuse Rating	25A
Max System Voltage	1500V (IEC)
Fire Rating	Class A

