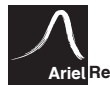


S655M66P4 S660M66P4 S665M66P4 S670M66P4

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-Max™ series of PV modules are designed for commercial projects and large solar farms with highest power output for saving more than 15% of BOS.



High power with high efficiency cells

High power output design to save BOS(balance of system) cost, less payback time.



High reliability with top quality raw materials

Built with top qualified and certified materials to ensure the performance during long working period and tough outside conditions.



Longer life span with 25 years warranty

Shinson extended the warranty period up to 25 years for both performance and workmanship which is on top level of the industry for backsheet modules.



Lower power degradation with more generation

Ensured PID resistance through cell process and module material control to help harvest more, guaranteed only 0.5% annual power degradation .

S.max[™] Solar Modules

670W

Maximum Output Power

132

Mono facial Cells

21.60%

Maximum Efficiency



Electrical Data (STC)

Part Number	S655M66P4	S660M66P4	S665M66P4	S670M66P4
Peak Power Watts-P _{MAX} (Wp)*	655	660	665	670
Power Output Tolerance	0/+5W			
Open Circuit Voltage-V _{oc} (V)	45.50	45.70	45.60	46.10
Short Circuit Current-I _{sc} (A)	18.48	18.53	18.57	18.65
Maximum Power Voltage-V _{MPP} (V)	37.60	37.80	38.00	38.20
Maximum Power Current-I _{MPP} (A)	17.43	17.47	17.51	17.55
Panel Efficiency(%)	21.10	21.20	21.40	21.60

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

Electrical Data (NOCT)

MaximumPower-P _{MAX} (Wp)*	496	500	504	508
Open Circuit Voltage-V _{oc} (V)	42.90	43.00	43.20	43.4
Short Circuit Current-I _{sc} (A)	14.89	14.93	14.96	15.01
Maximum Power Voltage-V _{MPP} (V)	35.10	35.30	35.40	35.60
Maximum Power Current-I _{MPP} (A)	14.13	14.17	14.22	14.26

NOCT:Irradiance at 800W/m²,Ambient Temperature 20°C,Wind Speed 1m/s

Mechanical Data

Panel Dimension(H/W/0)	2384 x 1303 x 35mm
Weight	34.4kg
Cell Type	Monocrystalline PERC
Cell Number	132
Glass	3.2mm,High Transmission tempering Glass
Encapsulant material	EVA
Backsheet	White
Frame	35mm Anodized Aluminium Alloy
J-Box	IP68 rated
Cable	Photocoltaic Technology Cable 4.0mm²,Portrait:350/350mm Length can be customized
Connector	MC4 or MC4 Compatible

Temperature Ratings

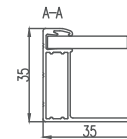
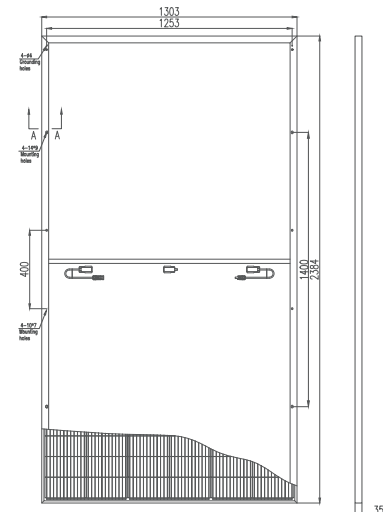
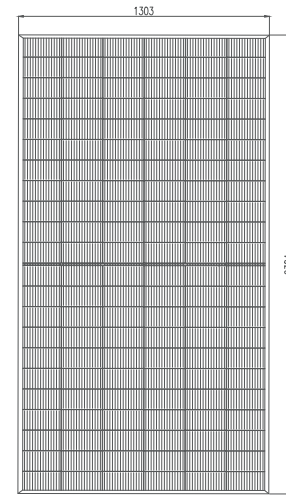
Nominal Operating Cell Temp.(NOCT)	43°C(±2°C)
Temperature Coefficient of P _{MAX}	-0.34%/°C
Temperature Coefficient of V _{oc}	-0.25%/°C
Temperature Coefficient of I _{sc}	+0.05%/°C

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

Packaging Configuration

Modules per box	31 pieces
Modules per 40'container	558 pieces

Dimensions of PV Module(mm)



Maximum Ratings

Operational Temperature	-40~±85 °C
Front/Rear Side Load	5400/2400pa
Max Series Fuse Rating	30A
Max System Voltage	1500V (IEC)
Fire Rating	Class 1(UN19177)

Warranty

Product Workmanship Warranty	25 years
Output Power Warranty	25 years

