



SHIFTING THE FUTURE



Eclipse Module
320W-335W

BEHIND THE ECLIPSE

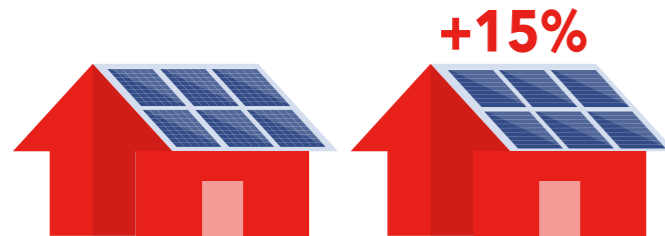
We challenged ourselves to push the boundaries of PV technology and pioneer new innovations in solar module design. The design of the Eclipse module takes into consideration every element that defines a perfect solar module. The culmination of our efforts is a module that is superior in performance, reliability, safety, and value.



The Eclipse module takes advantage of Seraphim's innovative module technology, using traditional solar cells to increase efficiency and reliability while reducing BOS cost. The Eclipse module bridges the gap between functionality and design, providing an elegant solution to all your solar energy needs.



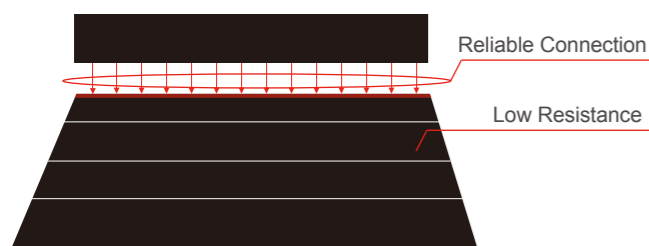
15% Greater Return on Projects



10% Reduction in BOS and Installation Cost

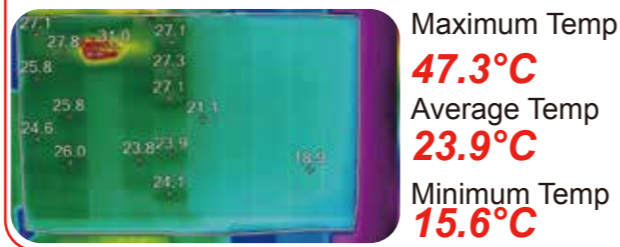


Improved Reliability and Durability



Significantly Reduced Hot-Spot Effect

Temperature after shading test (at 5hrs, in °C)



More Benefits

- Better performance under shade
- Beautifully designed
- 5400Pa Mechanical Load

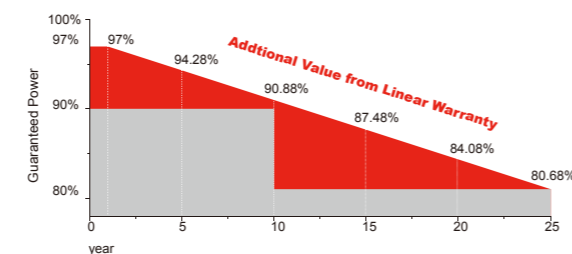
Certifications



Insurances



Warranty



10 YEARS Guarantee on product material and workmanship
25 YEARS linear power output warranty

Electrical Characteristics

| | SRP-320-E01B | | SRP-325-E01B | | SRP-330-E01B | | SRP-335-E01B | |
|------------------------------|-----------------------|-------|--------------|-------|--------------|-------|--------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmp) | 320 | 237 | 325 | 241 | 330 | 245 | 335 | 248 |
| Open Circuit Voltage (Voc) | 44.85 | 41.4 | 45.1 | 41.63 | 45.3 | 41.8 | 45.55 | 42.04 |
| Short Circuit Current (Isc) | 9.11 | 7.32 | 9.21 | 7.41 | 9.31 | 7.5 | 9.40 | 7.59 |
| Maximum Power Voltage (Vmp) | 36.4 | 34.14 | 36.6 | 34.29 | 36.8 | 34.43 | 37.05 | 34.63 |
| Maximum Power Current (Imp) | 8.80 | 6.94 | 8.88 | 7.03 | 8.97 | 7.12 | 9.05 | 7.17 |
| Module Efficiency at STC(ηm) | 18.81 | | 19.11 | | 19.4 | | 19.7 | |
| Power Tolerance | (0,+4.99) | | | | | | | |
| Maximum System Voltage | 1000 (TÜV), 1000 (UL) | | | | | | | |
| Maximum Series Fuse Rating | 20A | | | | | | | |

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;
 NOCT: Irradiance 800 W/m² ambient temperature 20°C wind speed :1m/s
 Power measurement tolerance: +/-3%

Temperature Characteristics

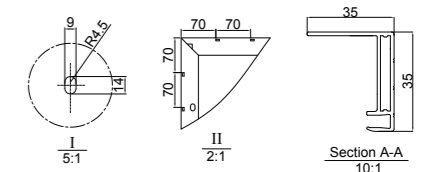
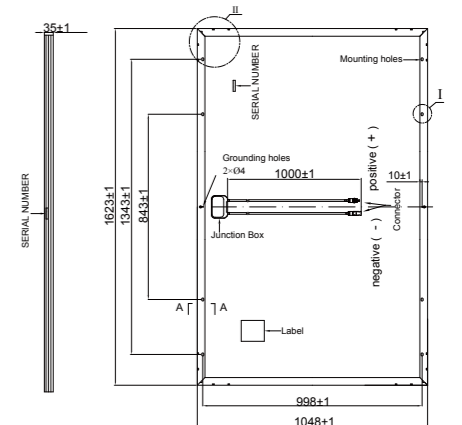
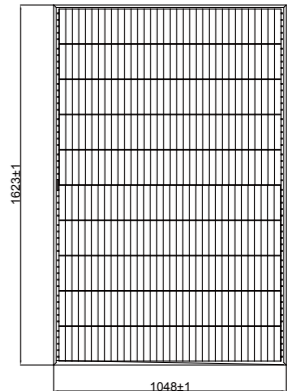
| | |
|---|--------------|
| Pmax Temperature Coefficient | -0.40 %/°C |
| Voc Temperature Coefficient | -0.32 %/°C |
| Isc Temperature Coefficient | +0.05 %/°C |
| Operating Temperature | -40 ~ +85 °C |
| Nominal Operating Cell Temperature (NOCT) | 45±2 °C |

Mechanical Specifications

| | |
|---------------------|---|
| External Dimensions | 1623x 1048x 35 mm |
| Weight | 18.5 kg |
| Solar Cells | Mono crystalline |
| Front Glass | 3.2 mm tempered glass, low iron |
| Frame | Anodized aluminium alloy |
| Junction Box | IP67 |
| Output Cables | 4.0 mm ² , cable length: 1000 mm |
| Connector | MC4 Compatible |
| Mechanical Load | 5400 Pa |

Packing Configuration

| | 1623x 1048x 35 mm |
|-----------------------|-------------------|
| Container | 40'HQ |
| Pieces per Pallet | 30 |
| Pallets per Container | 28 |
| Pieces per Container | 840 |



I-V Curve (SRP-320-E01B)

