



Eclipse Module
400W-415W



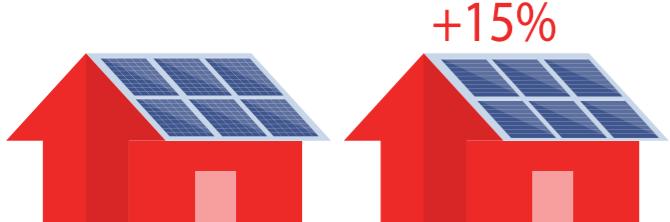
BEHIND THE ECLIPSE

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.



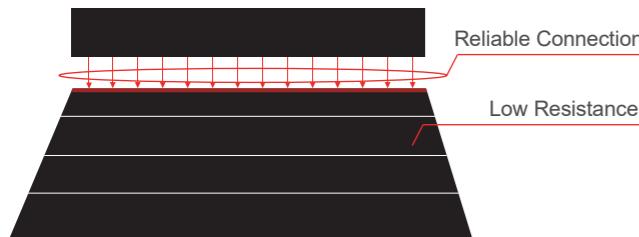
15% Greater Return on Projects



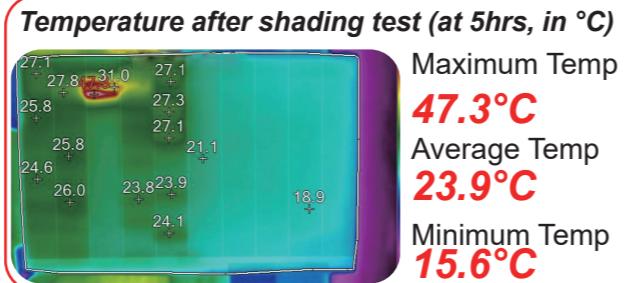
10% Reduction in BOS and Installation Cost



Improved Reliability and Durability



Significantly Reduced Hot-Spot Effect



More Benefits

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

Certifications



Insurances



Warranty



Electrical Characteristics

	SRP-400-E01A	SRP-400-E01A-HV	SRP-405-E01A	SRP-405-E01A-HV	SRP-410-E01A	SRP-410-E01A-HV	SRP-415-E01A	SRP-415-E01A-HV
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmp)	400	296	405	300	410	304	415	308
Open Circuit Voltage (Voc)	45.10	41.70	45.30	41.90	45.50	42.10	45.70	42.30
Short Circuit Current (Isc)	11.34	9.17	11.42	9.23	11.51	9.29	11.58	9.35
Maximum Power Voltage (Vmp)	37.20	34.30	37.40	34.50	37.60	34.70	37.80	34.90
Maximum Power Current (Imp)	10.76	8.63	10.83	8.70	10.91	8.77	10.98	8.83
Module Efficiency at STC(ηm)	19.33		19.57		19.82		20.06	
Power Tolerance			(0,+4.99)					
Maximum System Voltage			1000 VDC / 1500 VDC					
Maximum Series Fuse Rating			20A					

SRP-XXX-E01A: Maximum System Voltage 1000 VDC

SRP-XXX-E01A-HV: Maximum System Voltage 1500 VDC

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5, Power measurement tolerance: +/-3%;

NOCT: Irradiance 800 W/m² ambient temperature 20°C wind speed :1m/s Power measurement tolerance: +/-3%

Temperature Characteristics

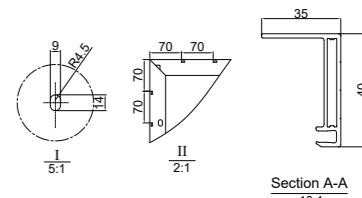
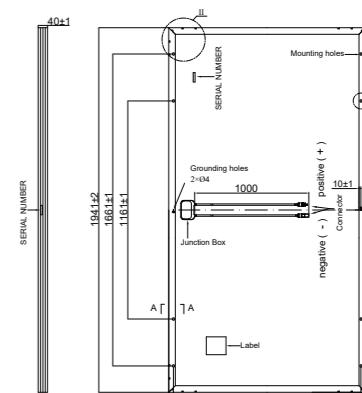
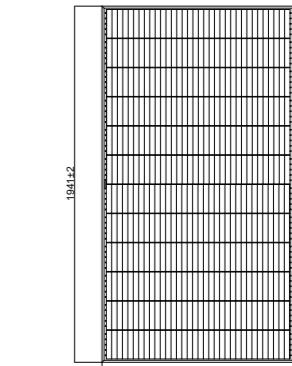
Pmax Temperature Coefficient	-0.36 %/°C
Voc Temperature Coefficient	-0.28 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature (NOCT)	45±2 °C

Mechanical Specifications

External Dimensions	1941 x 1066 x 40 mm
Weight	23.5 kg
Solar Cells	PERC Mono crystalline
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminum alloy
Junction Box	IP68
Output Cables	4.0 mm ² , cable length: 1000 mm
Connector	MC4 Compatible
Mechanical Load	Front side 5400Pa/ Rear side 2400Pa

Packing Configuration

Container	1941 x 1066 x 40 mm
Pieces per Pallet	27
Pallets per Container	22
Pieces per Container	594



I-V Curve

