

Standard Test Conditions:

The opto-electrical specifications shown below are stabilized values being measured at Standard Test Conditions, Irradiance: 1000W/m², Spectrum: AM1.5 at 25, The info below are subject to manufacturing tolerances. Where appropriate, minutes of measurement are available and are used for the dimensioning of the installation

Advantages

- Perseid Solar performance guarantees for 25 years
- Timeliness of delivery
- Recycling of free modules
- Quality Products certified (TÜV, UL, CE, ISO)

Characteristics

Max Power Voltage Vmp(V)	46.3	46.7	47.2	47.5
Max Power Current Imp(A)	4.54	4.71	4.87	5.05
Open Circuit Voltage Voc V	56.02	56.51	57.11	57.48
Short Circuit Current Isc(A)	5.28	5.41	5.52	5.57
Max Power Pm(W)	210	220	230	240

Temperature and Coefficients

NOCT	48°C±2°C
Voltage Temperature Coefficient(%/k)	-0.34
Current Temperature Coefficient(%/k)	0.09
Power Temperature Coefficient(%/k)	-0.37

Specifications

Dimension	1580 x 1068 x 40 mm
Weight	25.05 kg
No. of Cells and Connections	96 (12X8)
Tolerance	±3%
Cell	monocrystalline Silicon Solar Cells 125X125mm

Limits

Operating Temperature	-40 °C to + 85 °C
Storage temperature	-40 °C to + 85 °C
Max System Voltage	1000VDC max
Hail Impact	Diameter of 28mm with impact speed of 86km/h,

Guarantees

Products Guarantee	5 yrs free from defects in materials and workmanship
Performance Guarantee	Module performance guarantee of no less than 90% within 10yrs and 80% within 25yrs
Certificates	CE



For more information of Perseid Solar products, please visit www.perseidsolar.com