

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)	23.2	23.3	23.5	23.5	23.7
Max Power Current Imp(A)	6.9	7.3	7.45	7.66	7.81
Open Circuit Voltage Voc V	28.3	28.43	28.67	28.67	28.91
Short Circuit Current Isc(A)	8.19	8.42	8.48	8.6	8.65
Max Power Pm(W)	160	170	175	180	185

Temperature and Coefficients

NOCT	48°C±2°C
Voltage Temperature Coefficient(%/k)	-0.35
Current Temperature Coefficient(%/k)	0.05
Power Temperature Coefficient(%/k)	-0.45

Specifications

Dimension	1310 x 990 x 40 mm
Weight	16.50 kg
No. of Cells and Connections	48 (8X6)
Tolerance	±3%
Cell	Polycrystalline Silicon Solar Cells 156X156mm

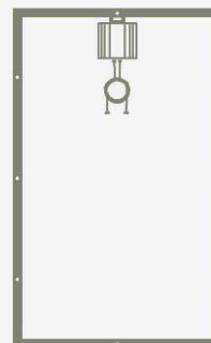
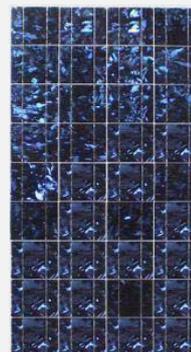
Limits

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, TUV

Picture



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