

## Standard Test Conditions:

The opto-electrical specifications shown below are stabilized values being measured at Standard Test Conditions, Irradiance: 1000W/m<sup>2</sup>, 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)	34.6	34.7	35.2	35.3
Max Power Current Imp(A)	7.23	7.49	7.67	7.93
Open Circuit Voltage Voc V	43.12	43.37	43.65	43.77
Short Circuit Current Isc(A)	8.53	8.56	8.59	8.76
<b>Max Power Pm(W)</b>	<b>250</b>	<b>260</b>	<b>270</b>	<b>280</b>

## 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	1954 x 990 x 50 mm
Weight	28.0 kg
No. of Cells and Connections	72 (12X6)
Tolerance	±3%
Cell	Polycrystalline Silicon Solar Cells 156X156mm

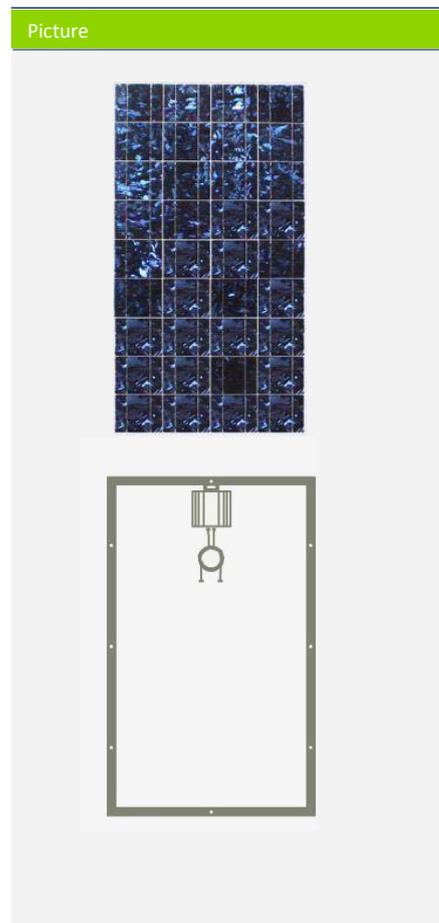
## Limits

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](http://www.perseidsolar.com)