



**SUNSLATES™ 6 PV Roof Tile - Award Winning Architectural Appeal**



Solar Pros, Architects & Homeowners agree that the superior look & HIGHER POWER performance of Atlantis' SUNSLATES6™ PV Roof Slate makes the SUNSLATES6™ the premier, roof-integrated solar electric system available today.

The SUNSLATES6™ solar roofing system uses the Eternit roofing tile – one of Europe's predominant roofing makers. SUNSLATES6™ is the best solar roofing solution to satisfy historic commissions, zoning commissions and code restrictions.

**I. Electrical Specifications**

Power [ STC ] <sup>i</sup>	22.0	Watts ± 5 % <sup>ii</sup>
Vmpp	2.8	Volts DC
Voc	3.70	Volts DC
Imp	7.8	Amps DC
Isc	8.0	Amps DC

Power [ PTC ] <sup>iii</sup>	1.07	Watts
NOCT <sup>iv</sup>	51.2	°C
Temp. Coef. @ Pmp	- 0.108	% per °C

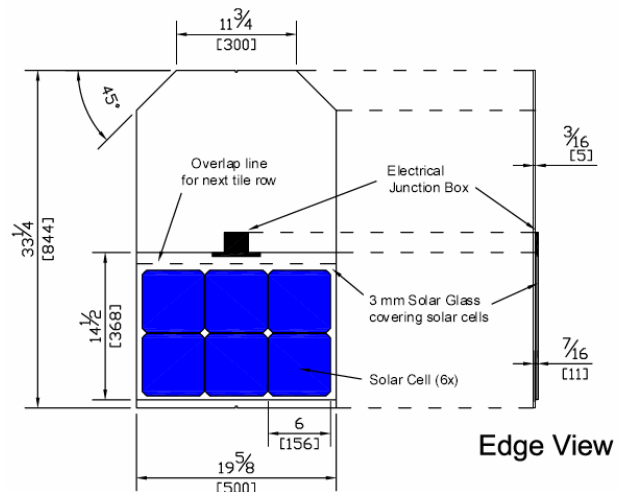
**NOTE: Maximum system voltage is 600 VDC**



**II. Physical Dimensions**

1. Solar Electric Laminate: Six (6) high-efficient solar cells connected in series
2. Specialized **PLUG-N-PLAY** junction box that is used to make the connections on the roof.
3. Highly durable Eternit Roofing tile. The laminate (1) is permanently attached to the roofing tile.

SS6™ Tile Weight, each 14.4 lb.  
 SS6™ Tile per 100 Ft.<sup>2</sup> 50.6 ea.  
 SS6™ Tile Weight per 100 Ft.<sup>2</sup> 730 lb.



**Atlantis Energy Offers The Best Roof Warranty in The Solar Industry!**

Atlantis' Standard Warranty - 20 Year Ltd. Power Warranty and 25 Year Weather Warranty<sup>v</sup>

[Photo Above: 30 kW SUNSLATES™ Tile System, Toronto Canada]



## Hurricane-Strength Wind Rating

Atlantis tested the SUNSLATES5™ roof slate and achieved a high wind rating in excess of 100 mph, capable of withstanding hurricane-strength winds! The SUNSLATES6™ is currently undergoing the same, rigorous testing. Results should be available in Q3, 2008.

## More Power

The SUNSLATES6™ Tile uses six (6), 156 mm cells delivering 22 Watts of power.

## Architecturally-Integrated Solar Electric Roof – A Greener Tomorrow Today!

Atlantis has won numerous awards from the American Institute of Architects as well as the admiration of its customers for the aesthetics as well as the performance of the SUNSLATES6™ Solar Electric Roof System. By saving you money and saving the earth from electric power pollution, all of Atlantis' solar electric roofing systems generate a return on investment for your pocketbook AND for your grand children's future on planet Earth!



<sup>i</sup> **STC** – Standard Test Conditions: 1000 W/m<sup>2</sup>, 25 °C solar cell temperature.

<sup>ii</sup> **Atlantis Standard Warranty** - 20 Yr. Ltd. Power Production & 25 Yr. Weatherability Warranty.

See Dealer for Details.

<sup>iii</sup> **PTC** – PVUSA Test Conditions: 1000 W/m<sup>2</sup>, 20 °C ambient and 1 m/s wind speed.

<sup>iv</sup> **T<sub>NOCT</sub>** – Nominal Operating Cell Temperature [°C]: cell temperature under 800 W/ m<sup>2</sup>, 20 °C air temperature , 1m/s wind speed, with open-circuited modules installed in an open rack configuration.

<sup>v</sup> See dealer for details. Specifications subject to change without notice. Please check for latest updates. Refer to installation manual for proper installation. This product may require a licensed installer.

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