



SUNSLATES™ 125 - Award Winning Architectural Appeal



Solar Pros, Architects & Homeowners agree on the superior look & performance of Atlantis' SUNSLATES™ 125. SUNSLATES™ are the world's first BIPV module to Achieve Electrical (UL 1703) & Fire (UL 790) Safety Certification and the product remains an unmatched leader.

SUNSLATES™ 125 Solar Electric Roof Slates still use the Eternit roof slate – one of Europe's oldest roofing manufacturers. SUNSLATES™ 125 are the only solar roofing solution that satisfies historic commissions, zoning commissions and code restrictions, as well as our clients architectural and power demands.

I. Electrical Specifications

Power [STC] ⁱ	13.0	Watts ± 5 %
Vmax	2.90	Volts DC
Voc	3.70	Volts DC
Isc	4.80	Amps DC

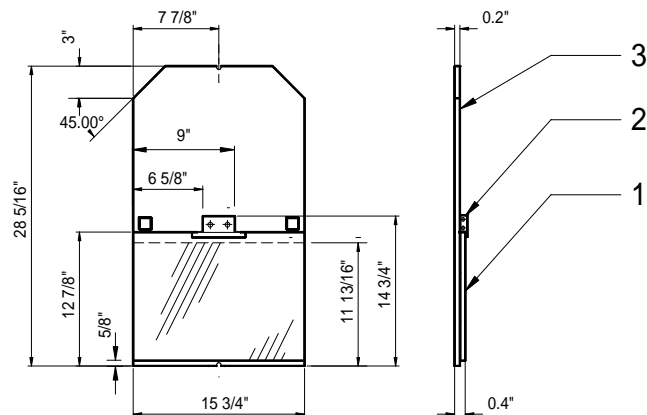
Power [PTC] ⁱⁱ	11.57	Watts
NOCT ⁱⁱⁱ	55.4	°C
Temp. Coefficient	- 12.75	mV DC / °K

Maximum system voltage: 600 VDC



II. Physical Dimensions

1. Solar Electric Laminate: Six (6) mono-crystalline solar cells, in series.
2. Specialized, high-reliability junction box is used to make roof connections.
3. Highly durable Eternit Roofing tile. The laminate is permanently attached to the roof slate.



Q-Cell Tile weight each: 9.4 lb.
 Q-Cell Tile per 100 sq.ft. 75.5 ea.
 Q-Cell Tile weight per 100 sq.ft. 730 lb.

Atlantis Standard Warranty - 20 years limited warranty on power output^{iv}



Miami-Dade County Wind Rating

Atlantis tested the SUNSLATES™ 125 Solar Electric Roof Slate and secured a Miami-Dade County wind rating in excess of 120 mph (190 km/hr.), making the product capable of withstanding hurricane-strength winds!

Atlantis's highly reliable SUNSLATES™ J-Box assures a solid, *SUNSLATES™-to-SUNSLATES™* roof connection.

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

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 SUNSLATES™ 125 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!



10 kW SUNSLATES™ System over 15 kW Dawn Solar System

ⁱ **STC** – Standard Test Conditions: 1000 W/m², 25 °C solar cell temperature.

ⁱⁱ **PTC** – PVUSA Test Conditions: 1000 W/m², 20 °C ambient and 1 m/s wind speed.

ⁱⁱⁱ **T_{NOCT}** – Nominal Operating Cell Temperature [°C]: cell temperature under 800 W/ m², 20 °C air temperature, 1m/s wind speed, with open-circuited modules installed in an open rack configuration.

^{iv} See dealer for details

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Atlantis Energy Systems, Inc.

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Product to Achieve Electrical (UL
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