

- High Temperature and Low Light Performance
- 5-Year Limited Product Warranty
- Limited Power Output Warranty:
92% at 10 years, 84% at 20 years, 80% at 25 years (of minimum power)
- Quick-Connect Terminals and Adhesive Backing
- Bypass Diodes for Shadow Tolerance

Performance Characteristics

Rated Power (P_{max}): 136 Wp
Production P_{max} Tolerance: $\pm 5\%$

Construction Characteristics

Dimensions: Length: 5486 mm (216"), Width: 394 mm (15.5"), Depth: 4 mm (0.2"),
16 mm (0.6") including potted terminal housing assembly
Weight: 7.7 kg (17.0 lbs)
Output Cables: 4 mm² (12 AWG) cable with weatherproof DC-rated quick-connect terminals
560 mm (22") length
Bypass Diodes: Connected across every solar cell
Encapsulation: Durable ETFE high light-transmissive polymer
Adhesive: Ethylene propylene copolymer adhesive sealant with microbial inhibitor
Cell Type: 22 triple junction amorphous silicon solar cells 356 mm x 239 mm
(14" x 9.4") connected in series

Qualifications and Safety



UL 1703 Listed by Underwriters Laboratories for electrical and fire safety (Class A
Max. Slope 2/12, Class B Max. Slope 3/12, Class C Unlimited Slope fire ratings) for
use in systems up to 600 VDC.



IEC 61646 and IEC 61730 certified by TÜV Rheinland for use in systems up to
1000 VDC.

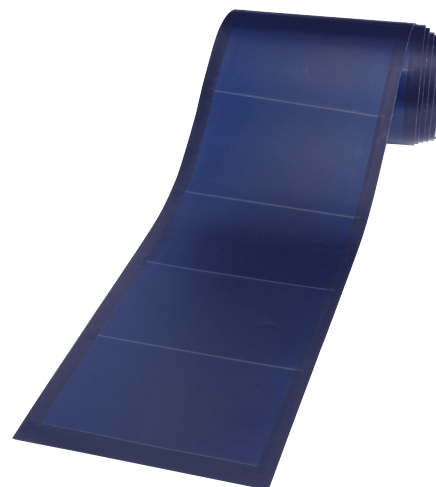
Laminate Standard Configuration

Photovoltaic laminate with potted terminal housing assembly with output cables and quick-connect
terminals on top.

Application Criteria*

- Installation temperature between 10 °C - 40 °C (50 °F - 100 °F)
- Maximum roof temperature: 85 °C (185 °F)
- Minimum slope: 3° (1/2:12)
- Maximum slope: 60° (21:12)
- Approved substrates include certain membrane and metal roofing products.
See United Solar for details.

*Detailed installation requirements are specified in United Solar's installation manuals.



Flexible



Lightweight



Durable



No-Glass



Shadow Tolerant



More kWh



High Temp
Performance



Low Light
Performance