

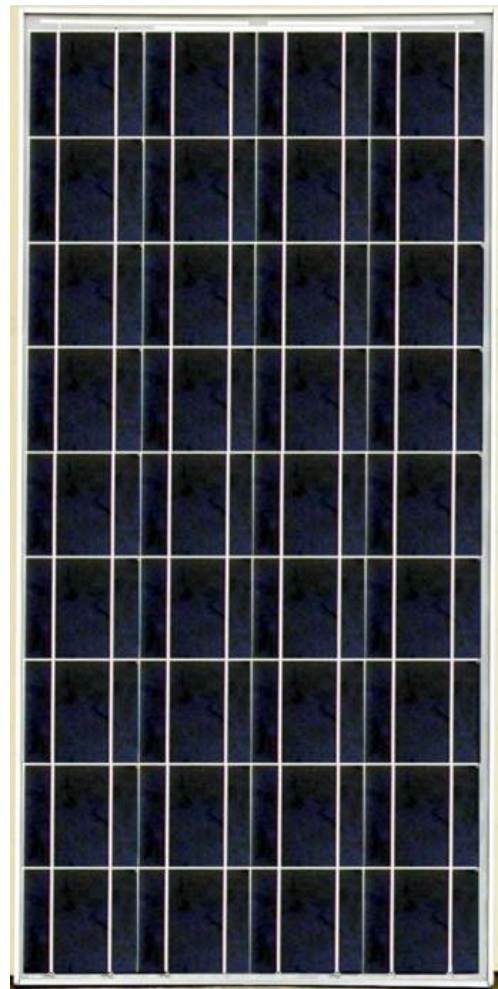
EXILES

EXL-SP13012

Photovoltaic Module
Poly-crystalline
High Quality



· Periodic inspection
· Qualified, IEC 61215
· Safety tested,
TUV-Spec
9312.572.9



Feature

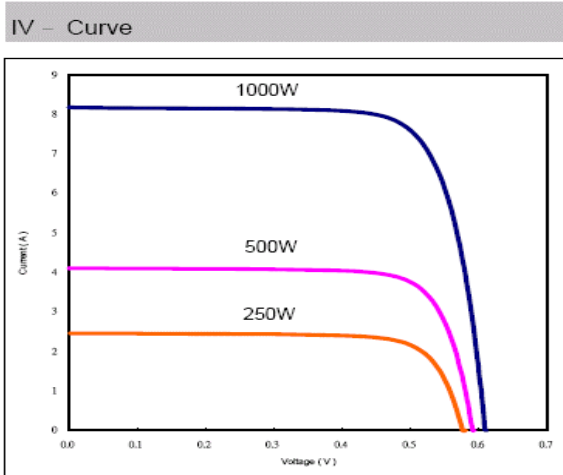
1. Bypass diode minimizes the power drop by shade
2. The conversion efficiency of solar cell is above 14.4%
3. White tempered glass, EVA resin, weather proof film and anodized aluminum frame provide efficient protection from the severest environmental conditions
4. Waterproof (UL94,V-O)connector provide nominal 12V DC output . Perfect for grid applications
5. Product guarantee 5 years

SPECIFICATION

Type Of Module	130W
Maximum Power [W]	130
Tolerance [%]	+/- 5%
Open circuit Voltage [V]	21.6
Short circuit Current [A]	7.9
Maximum Power Voltage [V]	18.1
Maximum Power Current [A]	7.2
Module Efficiency [%]	13.3
Solar Cell Efficiency [%]	15.1
Series Fuse Rating [A]	10
Terminal Box	IP65
Maximum System Voltage [V]	DC1000
Operating Temperature [OC]	-40 to 85

Electrical Characteristics

Current-Voltage characteristics of cells at various irradiance levels



Electric Performance Typical Performance Characteristics

Short Circuit Current Temperature Coefficient	mA/0C	3.9
Open Circuit Voltage Temperature Coefficient	V/0C	-0.095
Maximum Power Temperature Coefficient	%/0C	-0.4

Performance Warranty

- 90%output - 12 Years
- 80%output - 25 Years

Quality Assurance

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Electrical insulation test. 2. Outdoor exposure test. 3. Hot-spot endurance test. 4. UV-exposure according IEC 61345 5. Thermal cycling test. 6. Humidity freeze test. | <ol style="list-style-type: none"> 7. Damp heat test. 8. Robustness of terminations test. 9. Wet leakage current test. 10. Mechanical load test. 11. Hail impact test. 12. Bypass diode thermal test. |
|--|---|

Physical Specifications

Loading Capacity

896pcs/40ft Container
448pcs/20ft Container

Packing

14pcs/1 carton
2pcs/ 1 carton
1pcs/ 1 carton

Dimension:

Length: 1471mm/57.91in
Width: 666mm/26.22in
Depth: 35mm/1.38in
Weight: 12.0 kg/pcs

