

# AfSol

A-Grade Solar Modules by EnergyAlt

0/+5 Wp POSITIVE TOLERANCE

ROOFTOP AND OFF-GRID DESIGN

HIGH QUALITY

10 YEAR PRODUCT WARRANTY

25 YEAR LINEAR PERFORMANCE WARRANTY

**AfSol 305W**

**AfSol** High Quality A-Grade Solar Modules Built for :

**Rooftop**

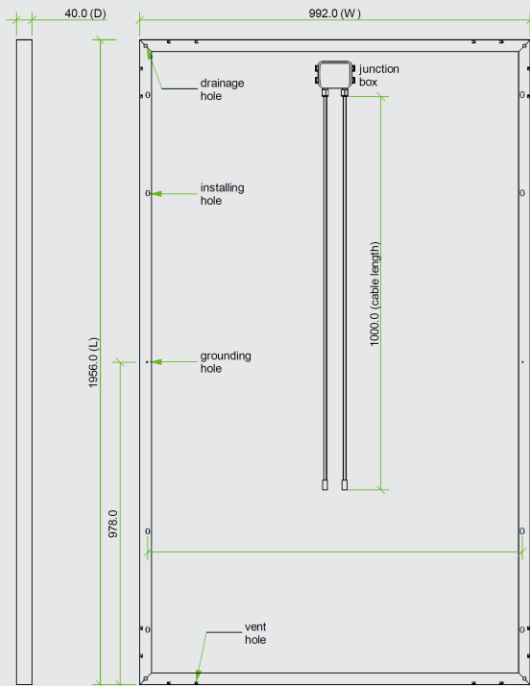


**Off-Grid**

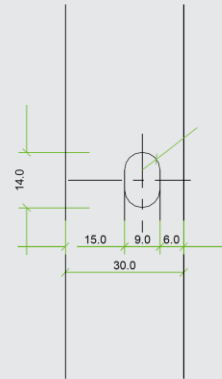


# AfSol 305W

## General characteristics



Cell	polycrystalline solar cell 156 x 156 mm
No. of Cells (Connections)	72 (6x12)
Panel Dimensions	1956 x 992 x 40 mm
Weight	29.0 kg
Connectors and Cables	Connectors and 1m cables



### Thermal conditions

Normal Operating Cell Temperature 800W/m <sup>2</sup> Irradiance, 20°C, AM = 1.5	48°C ± 2°C
Power Temperature Coefficient	- 0.5%/K
Current Temperature Coefficient	0.035%/K
Voltage Temperature Coefficient	- 0.37 MV/K

### Limits

Operating Temperature	- 40°C to 85°C
Maximum System Voltage	1000V DC

### Electric performance at STC \*

Maximum Power	305 Wp
Power Tolerance	0/+5 Wp
Module efficiency	15.4%
Maximum Power Voltage	36.9V
Maximum Power Current	8.27A
Open Circuit Voltage	45.5V
Short Circuit Current	8.81A

\*Standard Test Conditions : 1000W/m<sup>2</sup> irradiance, 25°C and AM = 1.5

### High performance

- 25** 25 Years linear performance
- 10** 10 Years product warranty

