

# enerSol

by **SD**DirectPro



## EnerSol 305

**+** 0/+5 WP POSITIVE TOLERANCE

**🏠** ROOFTOP AND OFF-GRID DESIGN

**✓** HIGH QUALITY

25 year linear performance warranty  
10 year product warranty

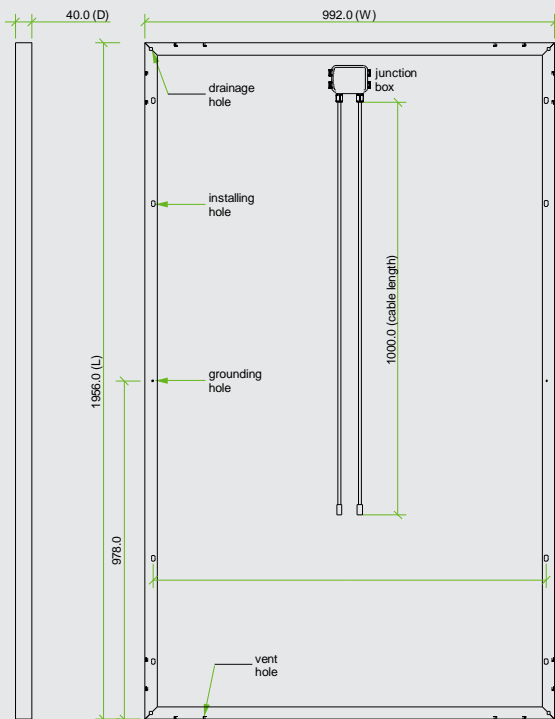


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High quality solar panels designed  
for rooftop and off-grid applications

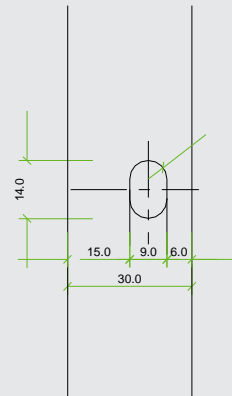


# EnerSol 305



## 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	36.6V
Maximum Power Current	8.20A
Open Circuit Voltage	44.8V
Short Circuit Current	8.69A

\*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

