

enerSol
by **SD**DirectPro



EnerSol 295 - 320

— 0/+5 WP POSITIVE TOLERANCE

🏠 ROOFTOP AND OFF-GRID DESIGN

✓ HIGH QUALITY

25 year linear performance warranty
10 year product warranty

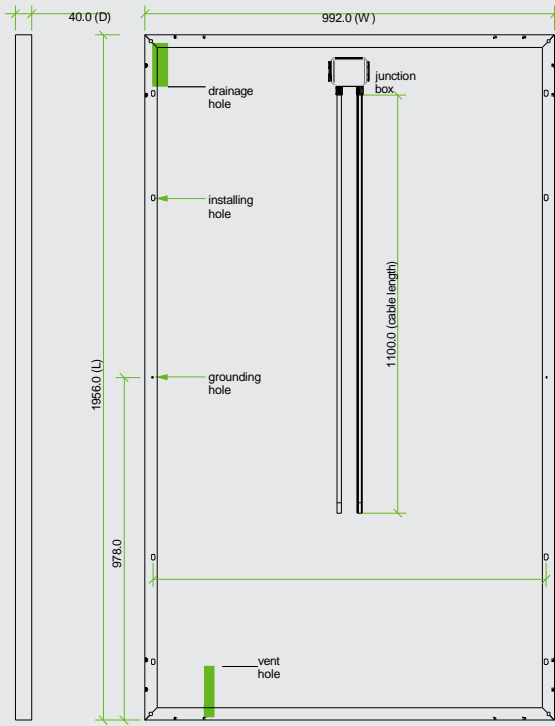


enerSol

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

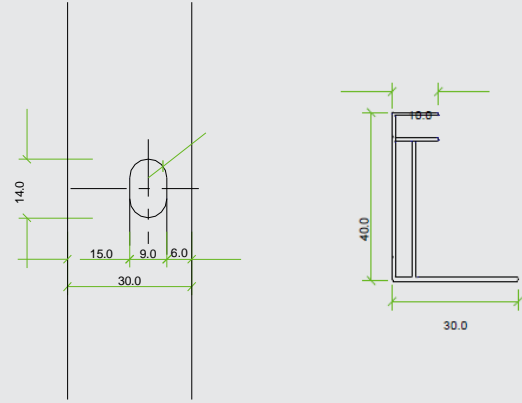


EnerSol 295 - 315



General characteristics

Cell	polycrystalline solar cell 156 x 156 mm
(Connections)	72 (6x12)
Panel Dimensions	1956 x 992 x 40 mm
Weight	21 kg
Connectors and Cables	Connectors and 1.1m cables



Thermal conditions

Normal Operating Cell Temperature 800W/m ² 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 *

	295 W _p	300 W _p	305 W _p	310W _p	315 W _p	320 W _p
Maximum Power	295 W _p	300 W _p	305 W _p	310W _p	315 W _p	320 W _p
Power Tolerance	0/+5 W _p	0/+5 W _p	0/+5 W _p	0/+5 W _p	0/+5 W _p	0/+5 W _p
Maximum Power Voltage	36.6V	36.9V	36.9V	36.9V	36.9V	37.3V
Maximum Power Current	8.87A	8.13A	8.27A	8.4A	8.4A	8.58A
Open Circuit Voltage	45.2V	45.4V	45.5V	45.6V	45.7V	45.80V
Short Circuit Current	8.55A	8.55A	8.81A	8.93A	9.05A	9.08A

*Standard Test Conditions: 1000W/m² irradiance, 25°C and AM = 1.5

High performance

25 25 Years
Linear performance

10 10 Years
Product warranty

