

## OUR APPROACH

ISELI has been founded by experts who share the same values for renewable, for sustainability and for excellence. Thanks to a team cumulating more than 50 years' experience in the PV modules manufacturing sector, ISELI designs and manufactures its TOP class products with the objectives to always provide the best Quality to its customers.

At ISELI, we exceed and re-invent the standards of the industry with one objective: Customer satisfaction.



ENERSOL POLY SERIES

# 145 - 160 WP



**+** 0/+5 WP Positive Tolerance

**↔** ROOFTOP AND OFF-GRID DESIGN

**✓** HIGH QUALITY

25 year linear performance  
5 year product warranty



IEC 61215  
IEC 61730

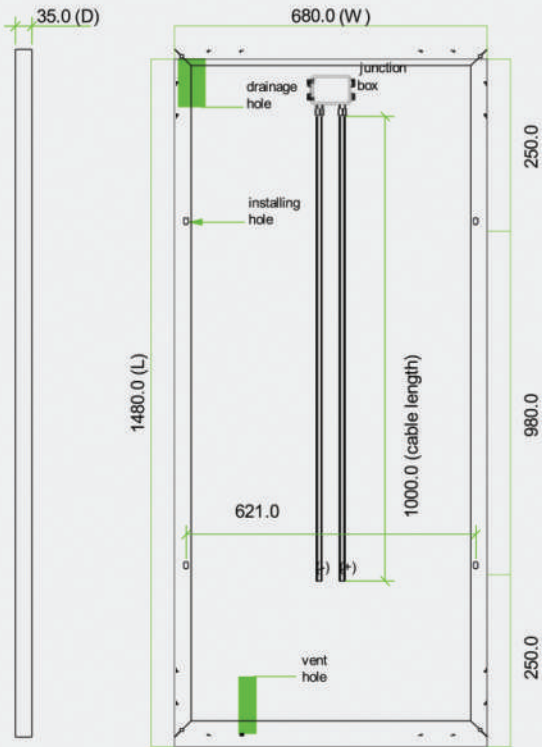


POLY SERIES

Thanks to the use of High Quality solar cells, our panels achieve outstanding performance and ensure maximum production output even under poor lighting conditions. The strong yet ultra light frames makes easy installation but robust for residential and commercial

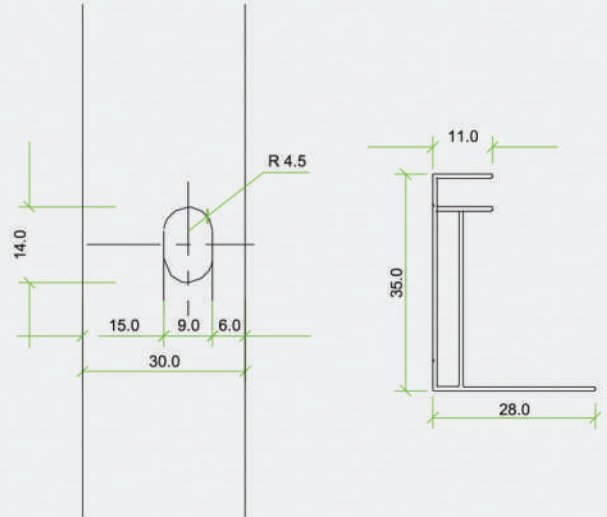


# POLY SERIES 145-160WP



## GENERAL CHARACTERISTICS

Cell	Polychrystalline solar cell 156.75 x 156.75 mm
No. of Cells (connections)	36 (4x9)
Panel Dimensions	1480 x 680 x 30 mm
Weight	11 kg
Connectors and cable	IP65, 3 bypass diodes 0.9 m cables



## THERMAL CONDITIONS

Normal Operating Cell Temperature 800W/m <sup>2</sup> Irradiance, 20°C, AM = 1.5	48C ±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\*

	145 Wp	150 Wp	155 Wp	160 Wp
Maximum Power	145 Wp	150 Wp	155 Wp	160 Wp
Power Tolerance	0/+5 Wp	0/+5 Wp	0/+5 Wp	0/+5 Wp
Maximum Power Voltage	18 V	18 V	18 V	18.98 V
Maximum Power Current	8.05 A	8.16 A	8.34 A	8.43 A
Open Circuit Voltage	22.6 V	22.8 V	22.8 V	22.87 V
Short Circuit Current	8.72 A	8.94 A	9.2 A	8.99 A

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

## HIGH PERFORMANCE

**25** 25 years linear performance

**5** 5 years product warranty

