

Polycrystalline Type

RNG-Poly

240/245/250/255/260P

Key Features

- Top Ranked PTC Rating
- High Module Conversion Efficiency
- Fast and Inexpensive Mounting
- Maximizes System Output by Reducing the Mismatch Loss
- 100% EL Testing on All Renogy Modules, Guaranteed No Hotspot
- Guaranteed Positive Output Tolerance (0+3%)
- Withstand High Wind (2400 Pa) and Snow Loads (5400 Pa)
- Excellent Performance in Low Light Environments

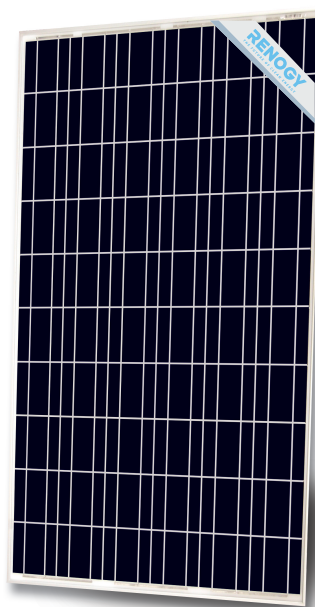
Application

- On-grid Rooftop/Ground Mounted
- Residential/Commercial/Power Stations
- Compatible with Enphase Inverters

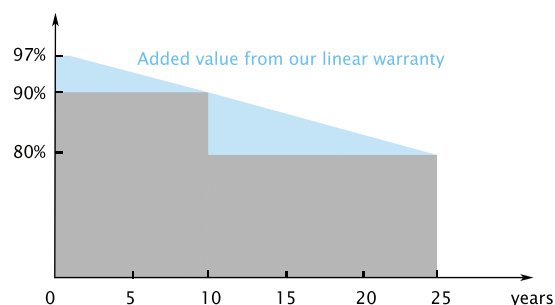
Safety Guide

Only qualified personnel should install or perform maintenance.
Please read the Renogy Installation Manual before installation;
Be aware of dangerously high DC voltage;
Do not install modules when wet or broken.

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Linear Warranty



Renogy modules' performance is guaranteed within 25 years from the time of purchase according to the above chart.

Besides, our warranty also includes:

(1) 25 year transferrable power output warranty:

5 years/95%, 10 years/90%, 25 years/80%

(2) 10 year material and workmanship warranty
Note:

2.5% in the first year, thereafter 0.7% per year, ending with 80.7% in the 25th year after the Warranty Commencement Date



Electrical Characteristics

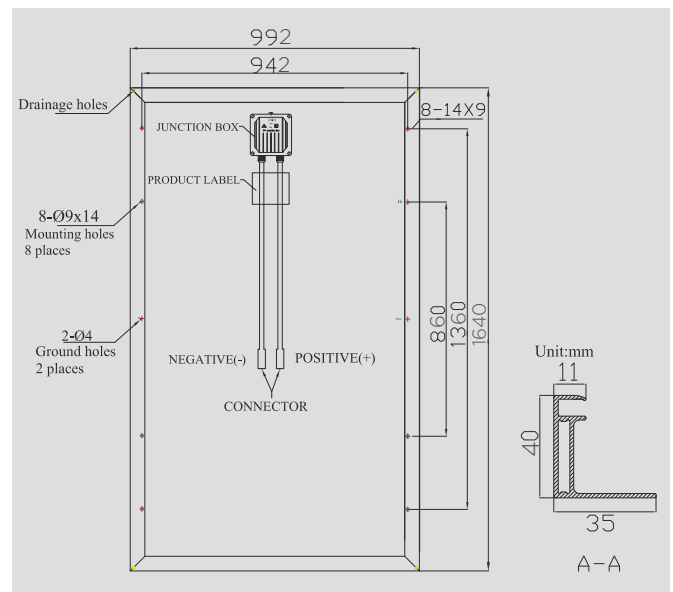
Maximum Power at STC (Pmax)	240 W	245W	250W	255W	260W
PV USA Test Conditions (PTC)	216.0W	220.8W	225.4W	229.8W	234.1W
Optimum Operating Voltage (Vmp)	29.80 V	29.90 V	30.20 V	30.30 V	30.40 V
Optimum Operating Current (Imp)	8.05 A	8.19 A	8.29 A	8.43 A	8.56 A
Open-Circuit Voltage (Voc)	37.00 V	37.10 V	37.30 V	37.40 V	37.60 V
Short-Circuit Current (Isc)	8.69 A	8.74 A	8.84 A	8.98 A	9.09 A
Module Efficiency	14.6 %	14.9%	15.3%	15.6%	15.9%
Cell Efficiency	16.9 %	17.1%	17.2%	17.6%	17.9%

STC: Irradiance 1000 W/m², module temperature 25°C, AM=1.5

Mechanical Characteristics

Solar Cell	Polycrystalline 156 x 156mm (6 inches)
No. of Cells	60 (6 x 10)
Dimensions	1640 x 992 x40 mm (65.0 x 39.0 x 1.57 inches)*
Weight	19.0 kgs (41.9 lbs)
Front Glass	3.2 mm (0.13 inches) tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP67 rated
Output Cables	4.0 mm ² (0.006 inches ²), 1200mm (47.2 inches)
Connectors	MC4 connectors
Fire Rating	Class C
UL Listed	UL 1703

Module Diagram



Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.44%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.04%/°C

Maximum Ratings

Operating Module Temperature	-40°C to +90°C
Maximum System Voltage	600 V DC (UL)/ 1000 V DC (IEC)
Maximum Series Fuse Rating	15 A

Packaging Configuration

Per Pallet	26 pcs (20' CTN)/29 pcs (40' CTN)
Per Container	342 pcs (20' CTN)/812 pcs (40' CTN)

* Customized Frame Thickness Also Available.

I-V Curves

