

## R325P / R330P / R335P



**17.25%**  
MAXIMUM EFFICIENCY



### Raaj Solar

RAAJ Solar, established in the year 2010 in Gujarat which is one of the leading Solar Photovoltaic Module Manufacturer with strong customer base PAN India. We have set up an **Fully Automated Manufacturing unit** in Chandarda with an annual Production capacity of **300 MW**, using state-of-the-art technology, for higher Quality & Efficiency.

We offer DCR & NON DCR Multi-Crystalline PV modules Ranging from 325Wp to 335Wp and MONO PERC Half Cut cell Mono Facial & Bi-Facial PV Modules ranging from 530Wp to 550Wp as per MNRE approved guidelines.

### Certification



Solar Division

## Poly Crystalline



Superior Manufacturing Technology Design



In House Quality Checks



High Performance under low light condition



Anti Reflective Coated Glass



5 BB Cell



PID Resistance



Positive Power Tolerance



Test Performs : IR, Hipot & Ground Mounted



PAN India Presence



Sales & Service Support

## Electrical Characteristics

	R325P	R330P	R335P
Maximum Power at STC (Pmax)			
Optimum Operating Voltage (Vmp)	38.16	38.16	38.16
Optimum Operating Current (Imp)	8.52	8.65	8.79
Open Circuit Voltage (Voc)	46.20	46.20	46.20
Short Circuit Current (Isc)	8.90	9.04	9.18
Module Efficiency (%)	16.75	17.00	17.25
Cell Type & No. of Cells	Poly 72 Full Cells		

Note: (irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C)

## Mechanical Characteristics

Glass	3.2 mm Thickness, Tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP 68 rated
Output Cables & Connectors	4.0 mm <sup>2</sup> with MC4 connectors
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1500 V DC
Maximum Series Fuse Rating	20 A
Power Tolerance	0 to +5 W
Packing	25 pieces/pallet
Mechanical Load	5400 Pa for snow load & 2400 Pa wind load
Module Size	1986 x 1001 x 35mm
Module Weight	22 Kg

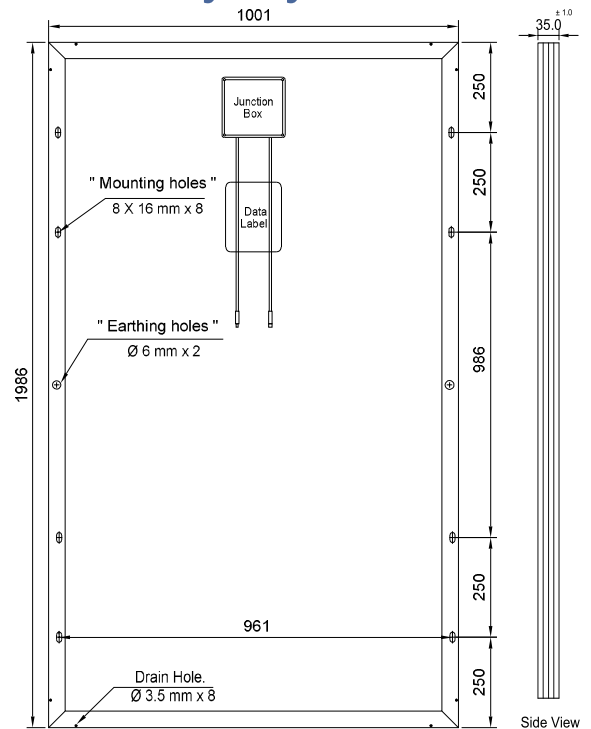
## Poly Temperature Characteristics

Temperature Coefficient of Pmax	-0.40%/°C
Temperature Coefficient of Voc	-0.33%/°C
Temperature Coefficient of Isc	+0.05%/°C

## Reliable Quality

- High Energy Yield on field performance
- Anti - reflective surface to reduce power loss
- 100% EL inspection ensure modules are defect free
- Application class C, Safety Class II
- ISO 9001:2015, ISO14001:2015, ISO 45001:2018 Certified
- BIS/IS 14286 : 2010 / IEC 61215 : 2005
- IS/IEC 61730 (Part I) : 2004 & IS/IEC 61730 (Part II) : 2004
- UL Certified IEC 61701 & IEC 61853-1

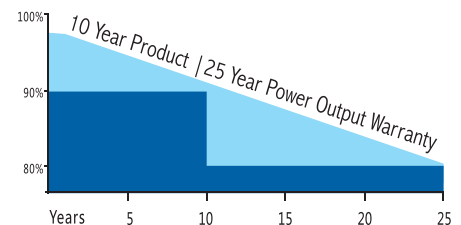
## Poly Crystalline



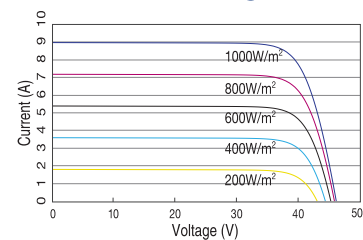
## Superior Warranty

- 10 Year Product Warranty
- 25 Year Linear Power Output Warranty

## Linear Performance



## Current Voltage Curve



**Raajratna** Ventures Ltd.

AN ISO 9001:2015 Certified Company

**Manufacturer & Exporter of Solar PV Modules**

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**WORKS :**  
Survey No. 69/2, Village : Chandarda, Opp. Madhu Textile, Ahmedabad-Mehsana Highway, Taluka : Kadi, Dist. : Mehsana, Gujarat, India

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📍 PAN INDIA AVAILABILITY

