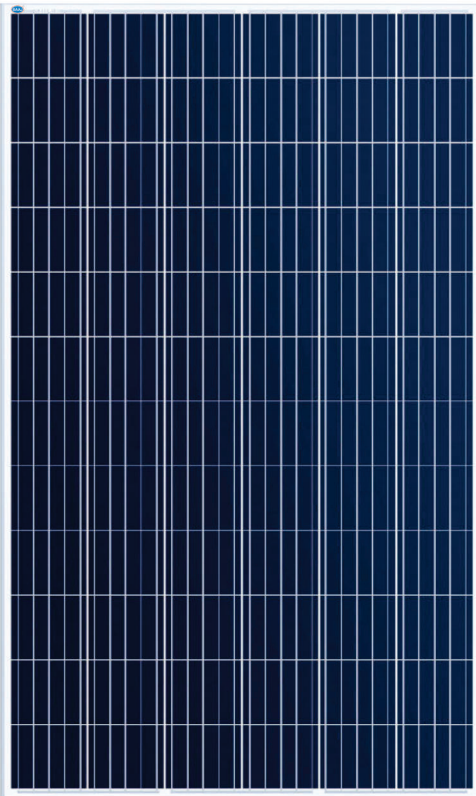


R325P / R330P / R335P



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 **150 MW**, using state-of-the-art technology, for higher Quality & Efficiency.

We offer DCR and NON DCR Multi-crystalline PV modules Rating from 15Wp to 335Wp and MONO PERC rating from 430Wp to 550Wp as Per MNRE approved guideline.

Certification



Solar Division

-  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)	38.16	38.16	38.16
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/m², spectrum AM 1.5 and cell temperature of 25°C)

Mechanical Characteristics

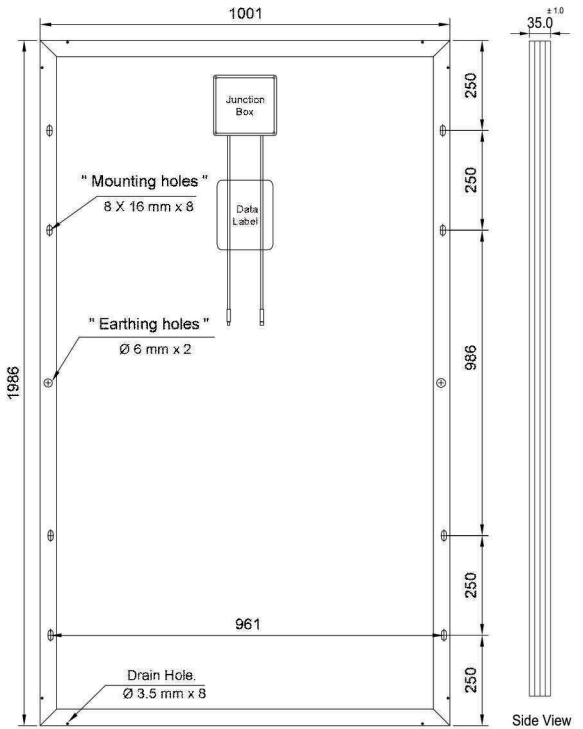
Glass	3.2 mm Thickness, Tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP 68 rated
Output Cables & Connectors	4.0 mm ² with MC4 connectors
Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1500 V DC
Maximum Series Fuse Rating	20 A
Power Tolerance	0/+5 W
Packing	25 pieces/pallet
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

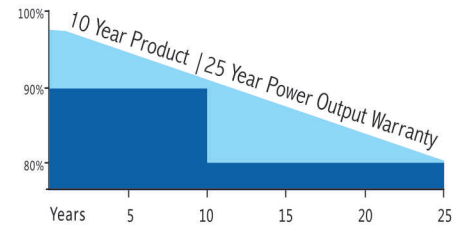
- High Energy Yield on field performance
- Anti - reflective surface to reduce power loss
- 100% EL inspection ensure modules are defect free
- Application class C, Safety Class II
- ISO 9001:2015, ISO14001:2015, ISO 45001:2018 Certified
- BIS/IS 14286 : 2010 / IEC 61215 : 2005
- IS/IEC 61730 (Part I)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



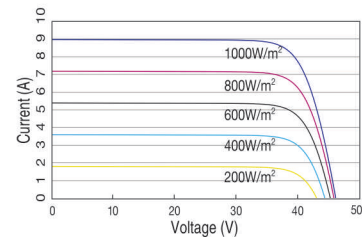
Superior Warranty

- 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

OFFICE :
 1402, 14th Floor, Phoenix, Near Honest Restaurant, Vijay Cross Roads to Commerce Six Roads,
 Navrangpura, Ahmedabad - 380009, Gujarat, India ☎ +91-79-2756 1915/16/17/18

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

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