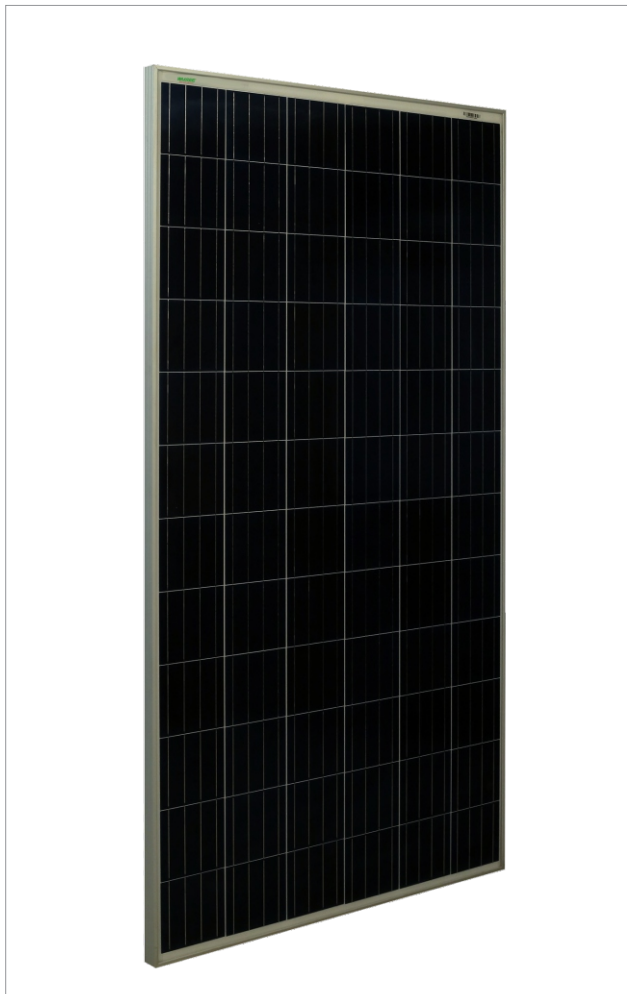
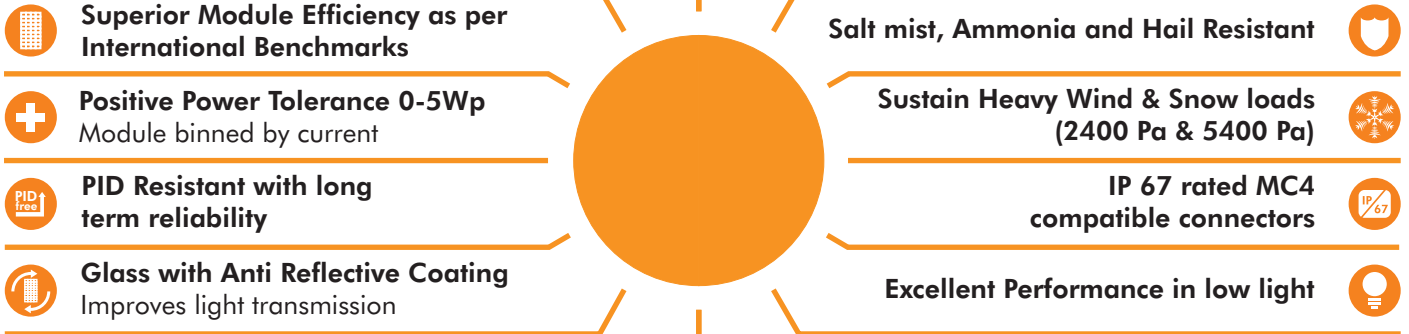


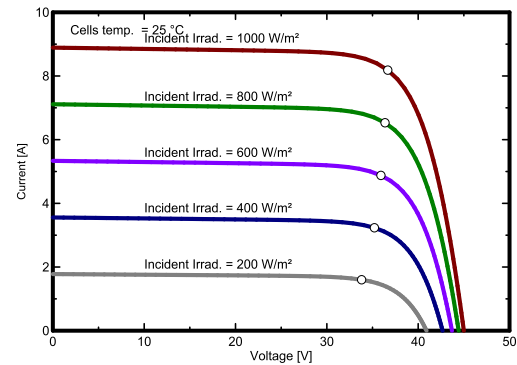
ADITYA SERIES POLY

WS-300 to WS-330 (72 Cells)

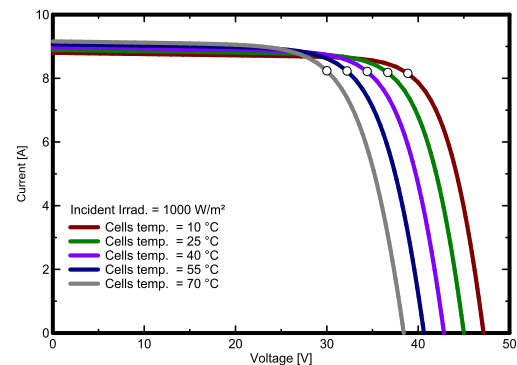
WAAREE[®]
One with the Sun



I-V Curve Variation With Irradiance



I-V Curve Variation With Temperature



The specifications are for reference purpose only. Waaree reserves the right to change the specifications without prior notice.

INTERNATIONAL & NATIONAL CERTIFICATIONS



IEC 62804 | UI1703 | ROHS Compliance | REACH Compliance
| INMETRO* | FIDE*

ISO 9001:2015 | ISO 14001:2004 | OHSAS 18001:2007 | IEC 61215
IEC 61730-1&2 | IEC 61701 | IEC 62716 | IEC 60068-2-68

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ADITYA SERIES POLY

WS-300 to WS-330 (72 Cells)

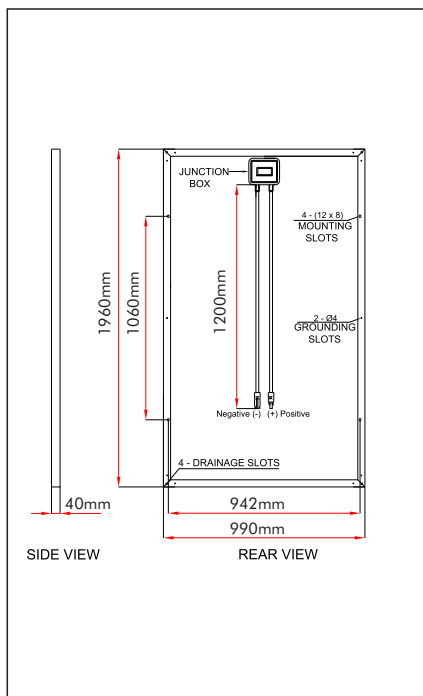
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ELECTRICAL CHARACTERISTICS

| MODELS | Pmax (W) | Vmp (V) | Imp (A) | Isc (A) | Voc (V) | Module Eff. (%) |
|--------|----------|---------|---------|---------|---------|-----------------|
| WS-300 | 300 | 36.50 | 8.22 | 8.89 | 45.00 | 15.46 |
| WS-305 | 305 | 36.60 | 8.34 | 9.02 | 45.10 | 15.73 |
| WS-310 | 310 | 36.70 | 8.45 | 9.14 | 45.20 | 15.98 |
| WS-315 | 315 | 36.75 | 8.58 | 9.27 | 45.25 | 16.25 |
| WS-320 | 320 | 36.80 | 8.70 | 9.42 | 45.30 | 16.50 |
| WS-325 | 325 | 36.85 | 8.82 | 9.55 | 45.35 | 16.75 |
| WS-330 | 330 | 36.90 | 8.95 | 9.65 | 45.50 | 17.01 |

* Mentioned electrical data are reference values which was derived at STC condition - Temp: 25°, Irradiance: 1000w/m2 and Am: 1.5Am with cleaned modules

DESIGN SPECIFICATIONS



MECHANICAL CHARACTERISTICS

| | |
|--|--|
| Length x Width x Thickness (L x W x T) - mm | 1960 x 990 x 40 |
| Mounting Holes Pitch (Y) - mm | 1060 |
| Mounting Holes Pitch (X) - mm | 942 |
| Weight (kg) | 22.5 |
| Solar Cells per Module (Units) / Arrangement | 72 / (12*6) |
| Solar Cell Type | Poly crystalline Silicon |
| Front Cover (Material / Thickness) | Tempered & Low Iron Glass, 3.2/4.0mm |
| Encapsulate | Ethylene Vinyl Acetate |
| Frame Material | Anodized Aluminum Alloy |
| Junction Box | IP67 rated enclosure with bypass diodes Rated voltage : 1000VDC / 1500VDC |
| Connector | MC4 compatible or IP67 rated |
| Cable | 4 mm ² cross section, 1200 mm long |
| Fire safety class | C |
| Application class | A |
| Safety class | II |
| Backsheet thickness / rated voltage | ≥ 300μ, 1500VDC |

TEMPERATURE COEFFICIENTS AND OPERATING CONDITIONS

| | |
|---------------------------------------|-------------|
| Temperature coefficient of Current/°C | 0.0154 |
| Temperature coefficient of Voltage/°C | -0.2775 |
| Temperature coefficient of Power/°C | -0.3859 |
| NOCT | 46° ± 2° |
| Operating Temperature Range | -40° to 85° |
| Maximum System Voltage (IEC& UL) | 1500VDC |

Waaree Energies Ltd. is the flagship company of Waaree Group, and has the country's largest Solar PV Module manufacturing capacity of 1.5 GW. In addition, it is one of leading players in India in EPC services, project development, rooftop solutions, solar water pumps, and as an Independent Power Producer. Waaree has its presence in over 250+ locations nationally and 68 countries globally.

*If you need specific product certificates, and if module installations are to deviate from our guidance specified in our installation manual, please contact your local Waaree sales and technical representatives.

**Refer To Waaree's Warranty Document For Terms & Conditions

*The Specifications Are For The References Purpose Only.

Waaree Reserves The Right To Change The Specifications Without Prior Notice.

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