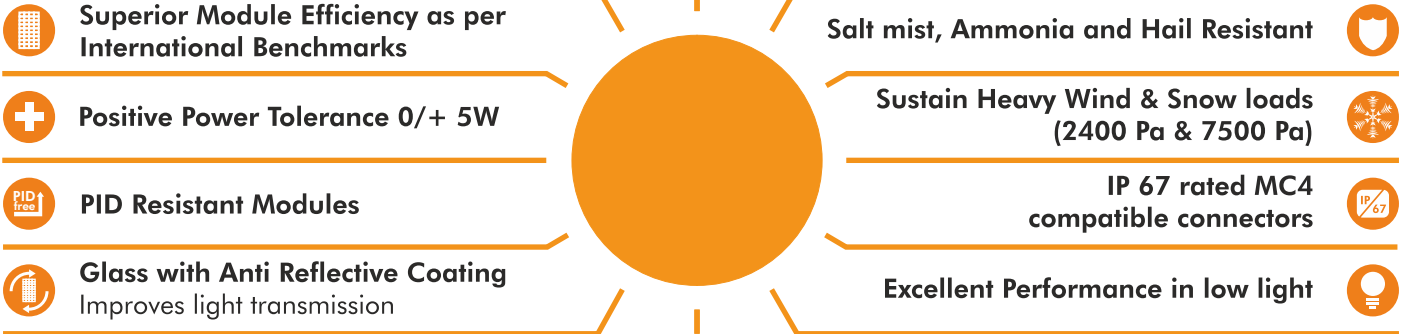


ADITYA SERIES POLY

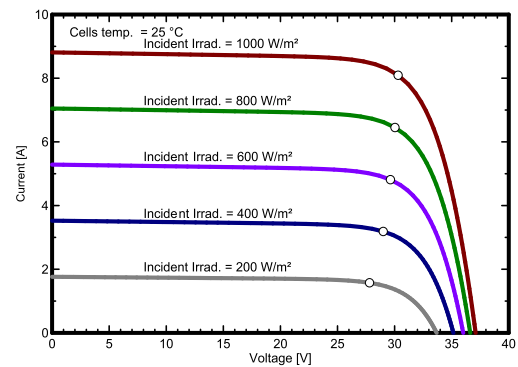
WS-250 to WS- 275 (60 Cells)

WAAREE[®]

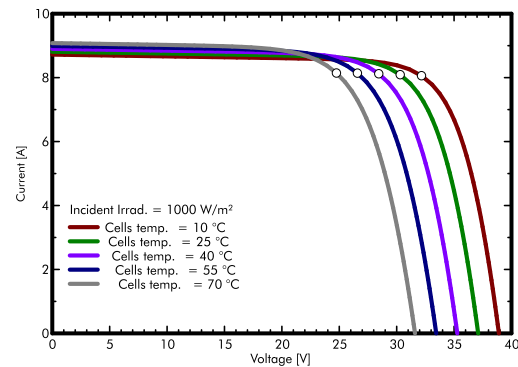
One with the Sun



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



ISO 9001:2008 | ISO 14001:2004 | OHSAS 18001:2007 | IEC 61215
IEC 61730-1&2 | IEC 60068-2-68 | IEC 61701 | IEC 62716

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ADITYA SERIES POLY

WS-250 to WS- 275 (60 Cells)

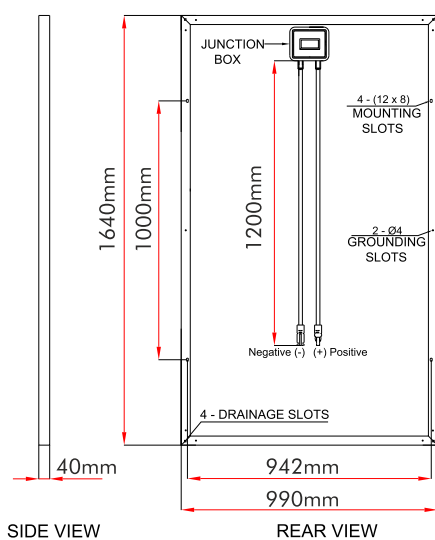
WAAREE[®]

One with the Sun

ELECTRICAL CHARACTERISTICS

| MODELS | Pmax (W) | Vmp (V) | Imp (A) | Isc (A) | Voc (V) | Module Eff. (%) |
|--------|----------|---------|---------|---------|---------|-----------------|
| WS-250 | 250 | 30.80 | 8.12 | 8.96 | 37.20 | 15.40 |
| WS-255 | 255 | 30.90 | 8.26 | 9.12 | 37.30 | 15.72 |
| WS-260 | 260 | 31.00 | 8.39 | 9.27 | 37.40 | 16.02 |
| WS-265 | 265 | 31.10 | 8.53 | 9.40 | 37.50 | 16.34 |
| WS-270 | 270 | 31.20 | 8.67 | 9.58 | 37.60 | 16.66 |
| WS-275 | 275 | 31.30 | 8.80 | 9.70 | 37.70 | 16.96 |

DESIGN SPECIFICATIONS



MECHANICAL CHARACTERISTICS

| | |
|--|--|
| Length x Width x Thickness (L x W x T) - mm | 1640 x 990 x 40 |
| Mounting Holes Pitch (Y) – mm | 1000 |
| Mounting Holes Pitch (X) – mm | 942 |
| Weight (kg) | 18.5 |
| Solar Cells per Module (Units) / Arrangement | 60 / (10*6) |
| Solar Cell Type | Poly crystalline Silicon |
| Front Cover (Material / Thickness) | Tempered & Low Iron Glass / 3.2 mm |
| Encapsulate | Ethylene Vinyl Acetate |
| Frame Material | Anodized Aluminum Alloy |
| Junction Box (Protection degree / Material) | Weatherproof PPO / IP67 rated enclosure with bypass diodes |
| Connector (Protection degree / Type) | MC4 compatible or IP67 rated |
| Cable | 4 mm ² cross section, 1200 mm long |
| Fire safety class | C |
| Safety application class | A |
| Safety class | II |

THERMAL CHARACTERISTICS

| | |
|------------------------------------|-----------|
| Temperature coefficient of Current | 0.0687 |
| Temperature coefficient of Voltage | -0.3104 |
| Temperature coefficient of Power | -0.3948 |
| NOCT | 46 ± 2 |
| Operating Temperature Range | -40 to 85 |

Waaree Energies Ltd. is the flagship company of Waaree Group, and has the country's largest Solar PV Module manufacturing capacity of 1.2 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.

**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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