

ADITYA SERIES MONO

WSM-330 TO WSM-370 (72 CELLS)

WAAREE®

One with the Sun



Superior Module Efficiency as per International Benchmarks



Positive Power Tolerance 0-5Wp
Module binned by current



PID Resistant with long term reliability



Glass with Anti Reflective Coating
Improves light transmission

Salt mist, Ammonia and Hail Resistant



Sustain Heavy Wind & Snow loads
(2400 Pa & 5400 Pa)



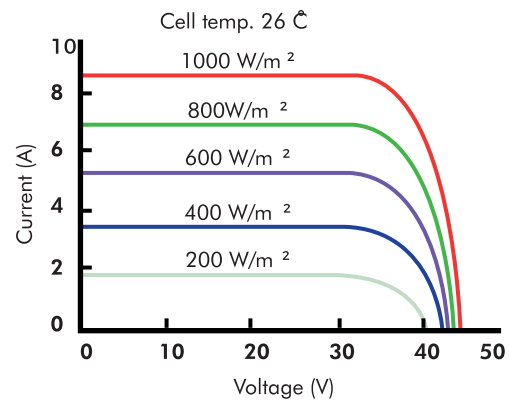
IP 67 rated MC4 compatible connectors



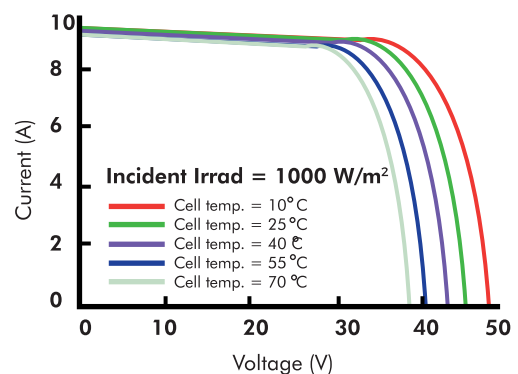
Excellent Performance in low light



I-V Curve Variation With Irradiance



I-V Curve Variation With Temperature



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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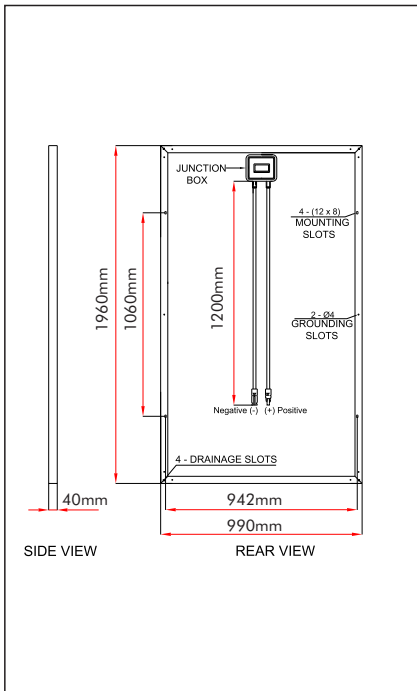
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ELECTRICAL CHARACTERISTICS

MODELS	P _{max} (W)	V _{mp} (V)	I _{mp} (A)	I _{sc} (A)	V _{oc} (V)	Module Eff. (%)
WSM-330	330	36.55	9.03	9.40	45.60	17.01
WSM-335	335	36.70	9.13	9.50	45.80	17.27
WSM-340	340	36.90	9.22	9.60	46.00	17.53
WSM-345	345	37.20	9.28	9.70	46.20	17.79
WSM-350	350	37.50	9.35	9.80	46.40	18.07
WSM-355	355	37.65	9.43	9.85	46.60	18.30
WSM-360	360	37.90	9.50	9.90	46.80	18.56
WSM-365	365	38.05	9.60	10.00	46.90	18.81
WSM-370	370	38.15	9.70	10.15	47.00	19.07

* 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	Mono crystalline Silicon
Front Cover (Material / Thickness)	Tempered & Low Iron Glass, 3.2/4.0 mm
Encapsulate	Ethylene Vinyl Acetate
Frame Material	Anodized Aluminum Alloy
Junction Box (Protection degree / Material)	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	0.0039
Temperature coefficient of Voltage/°C	-0.2627
Temperature coefficient of Power/°C	-0.3739
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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