

ARKA SERIES

WSM-380 TO WSM-395

WAAREE[®]

One with the Sun

ELECTRICAL CHARACTERISTICS

Models	Pmax (W)		Vmp (V)		Imp (A)		Isc (A)		Voc (V)		Module Eff. (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
WSM-380	380	280.7	39.70	37.00	9.58	7.59	9.90	8.00	48.45	44.63	19.08
WSM-385	385	284.3	39.90	37.28	9.65	7.63	9.95	8.05	48.65	44.81	19.33
WSM-390	390	288.2	40.10	37.47	9.73	7.69	10.03	8.11	48.85	44.99	19.58
WSM-395	395	291.6	40.28	37.60	9.81	7.75	10.12	8.18	49.05	45.18	19.83

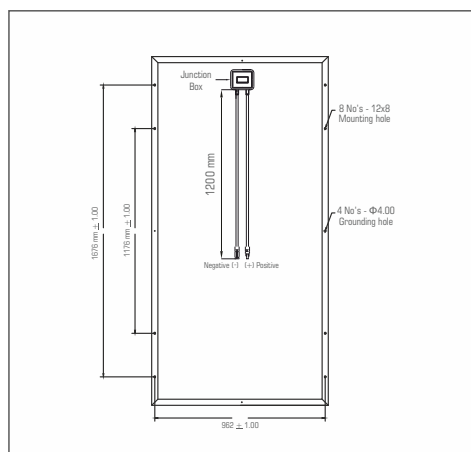
*Standard Test Conditions (STC) - 1000 W/m² irradiance, Air Mass 1.5 and 25°C cell temperature. Nominal Operating Cell Temperature (NOCT) - 800 W/m² irradiance, Air Mass 1.5, Ambient temperature 20°C and Wind speed 1 m/s. Average power reduction of 4.5% at 200 W/m² as per IEC 60904-1. Measuring Uncertainty ± 3%.

System Voltage	1500 V	Series Fuse Rating	16 A
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MECHANICAL CHARACTERISTICS

Length x Width x Thickness (L x W x T)	1985 mm (L) x 1003.5 mm (W) x 40 mm (T)
Weight	22.5 kgs
Solar Cells per Module (Units) / Arrangement	72 / (12x6)
Solar Cell Type & Size	Mono PERC, 158.75 x 158.75 mm
Front Glass	3.2 mm Low Iron and Tempered glass with ARC coating
Encapsulate	PID Free & UV Resistant
Junction Box (Protection degree / Material)	IP68 / Weatherproof PPO
Connector (Protection degree / Type)	IP68 rated / MC4 compatible
Cable Cross - Section & Length	4 mm ² & 1200mm
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



10 Years Product Warranty • 25 Years Power Output Warranty

THERMAL CHARACTERISTICS

Temperature coefficient of Current (Isc), α (%/°C)	0.05
Temperature coefficient of Voltage (Voc), β (%/°C)	-0.27
Temperature coefficient of Power (Pm), γ (%/°C)	-0.37
NOCT (°C)	46 ± 2
Operating temperature range (°C)	-40 to 85

Waaree Energies Ltd. is amongst the top Solar Energy Companies and has the country's largest Solar PV Module manufacturing capacity of 2 GW. In addition, it is committed to provide top notch EPC services, project development, rooftop solutions, solar water pumps and also in an Independent Power Producer. Waaree has its presence in over 325+ 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.

(^) Certification under progress

- The electrical data given here is for reference purpose only.
- Please confirm your exact requirements with the sales representative while placing your order.
- Refer installation Manual instructions & Waaree warranty statement for terms & conditions.
- Waaree Reserves the right to change the specifications without prior notice.

www.waaree.com