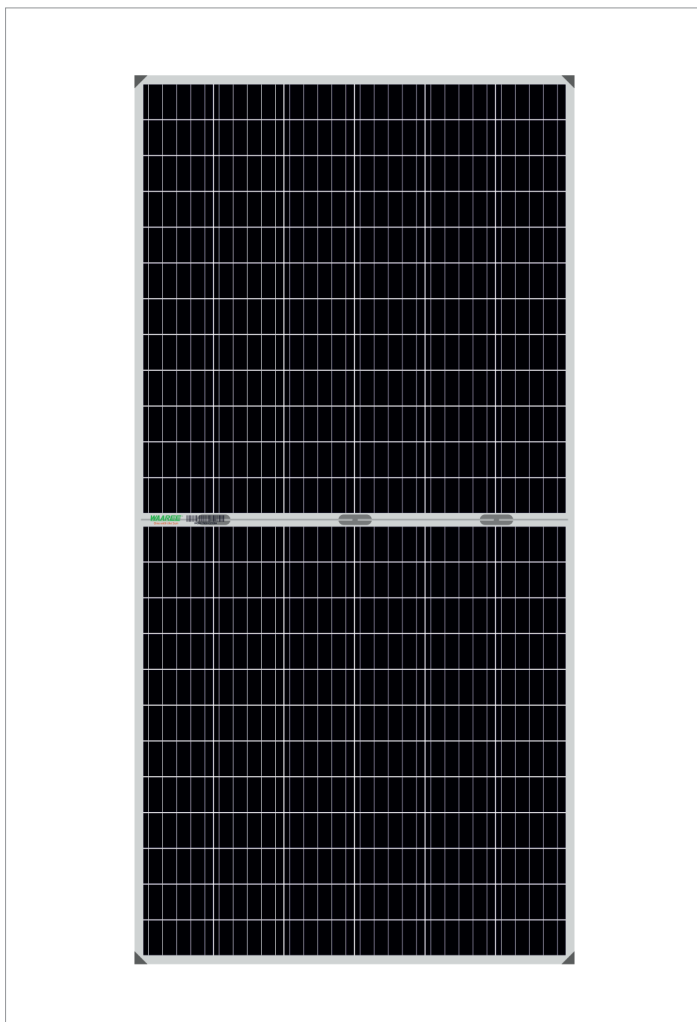
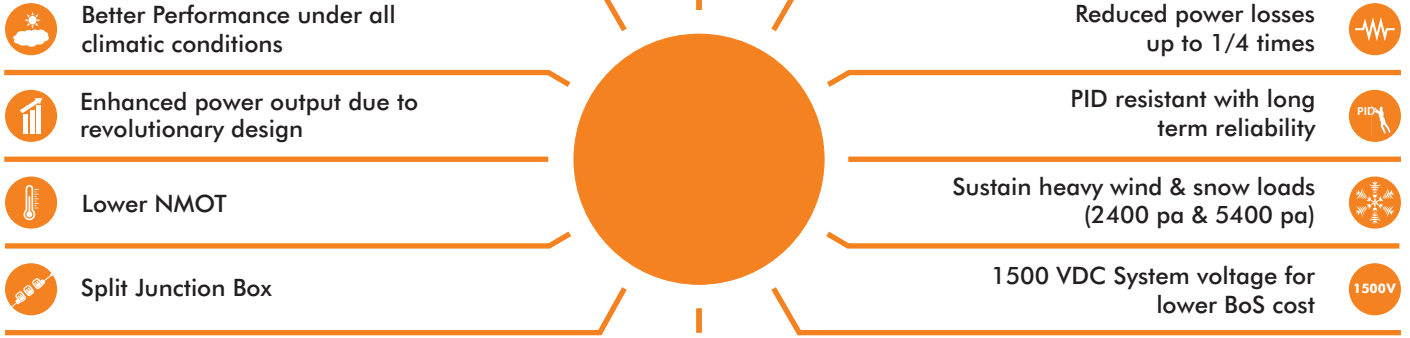


SUPER 400 PRO

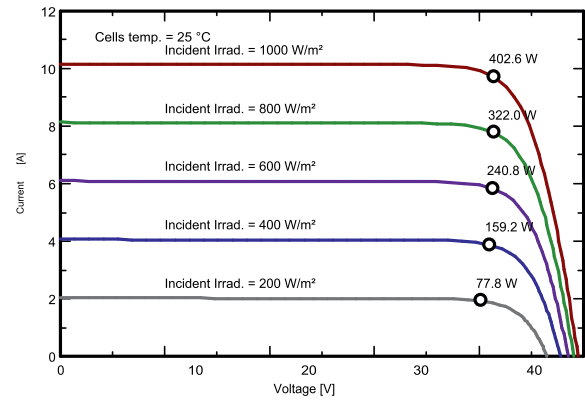
Bifacial - 400Wp

WAAREE®

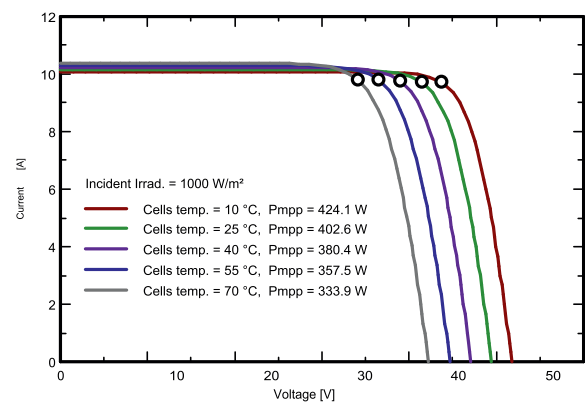
One with the Sun



I-V variation with Irradiance



I-V variation with Temperature



The Graphs are for reference purpose only. Please consult Waaree technical team for further clarifications.

SUPER 400 PRO

Bifacial - 400Wp

WAAREE[®]

One with the Sun

Electrical Characteristics

Models	Pmax (W)	Vmp (V)	Imp (A)	Isc (A)	Voc (V)	Module Eff. (%)
WSD-400	400	40.68	9.85	10.16	49.47	19.90

Electrical Characteristic With Different Rear Side Power Gain (reference To 400wp Front Power) - Super 400 Pro

Pmp (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)	Power gain
421	49.5	10.67	40.7	10.34	5%
441	49.5	11.18	40.7	10.84	10%
461	49.6	11.66	40.8	11.30	15%
481	49.6	12.16	40.8	11.79	20%
501	49.6	12.67	40.8	12.28	25%
521	49.7	13.16	40.8	12.75	30%

Mechanical Characteristics

Length x Width x Thickness (L x W x T) - mm	2030 mm (L) x 998.5 mm (W) x 6 mm (T)
Weight (kg)	29
Solar Cells per Module (Units) / Arrangement	144 cells / (12*6 12*6)
Solar Cell Type	Mono Crystalline Silicon
Front/Back Glass (Material/Thickness)	2.5mm Tempered Glass
Encapsulate	PID Free Encapsulant, UV Resistant
Junction Box (Protection degree/ Material)	Weatherproof PPO/ IP67 enclosure with bypass diodes
Cable & Connector (Protection degree / Type)	IP67 rated / MC4 compatible
Cable cross - section & Length	4 mm ² & 500mm

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)	43 ± 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 1.5 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 280+ 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.

- 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.

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