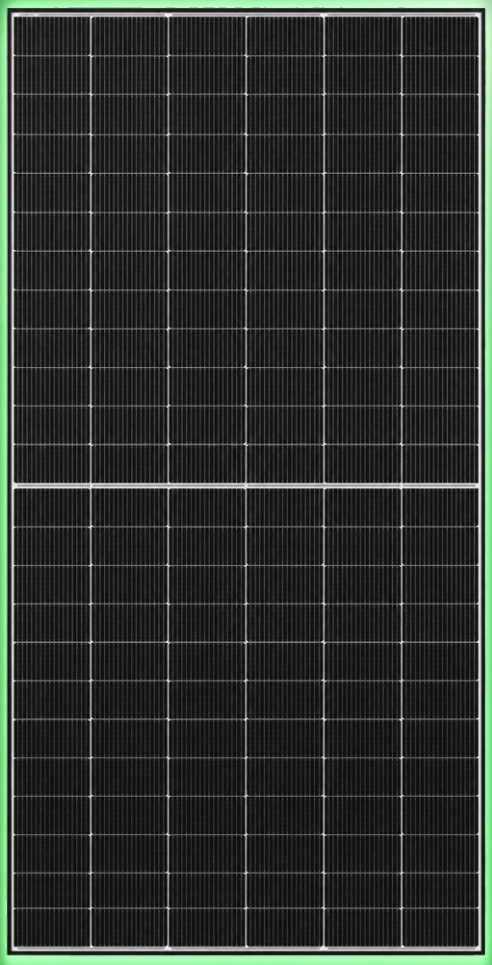
Aura Bi-Facial Series

570-590Wp | Ultra High Efficiency



Optimised Light Conversion
Maximises direct and reflected irradiance in full-sun environments.

High Power Class
Higher wattage modules improve system efficiency and reduce overall LCOE.

Bifacial Energy Gain
Rear-side light capture increases yield in ground-mount and carport systems.

Thermal Stability
Improved glass stability reduces temperature stress, extending module lifetime.

Built-In Reliability
Anti-PID design and robust construction ensure long-term commercial performance.

CE TÜVRheinland CERTIFIED DEKRA

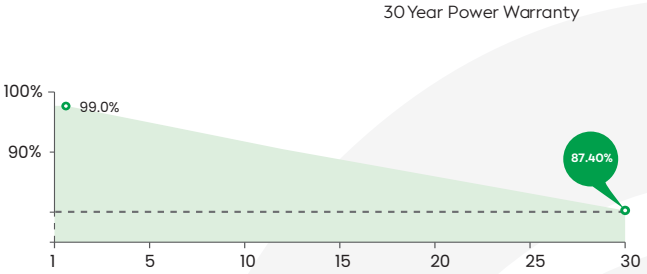
15 YEAR Guarantee on product material and workmanship.

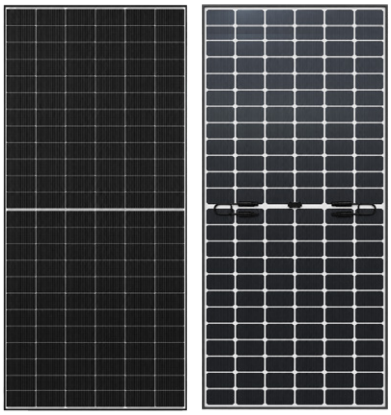
30 YEAR Linear Power output warranty

enerSol

22.84%	0~+5W	< 1%	0.4%	Bi-Facial Technology
MAX MODULE EFFICIENCY	POSITIVE POWER TOLERANCE	FIRST YEAR POWER DEGRADATION	ANNUAL POWER DEGRADATION	REAR-SIDE ENERGY GAIN

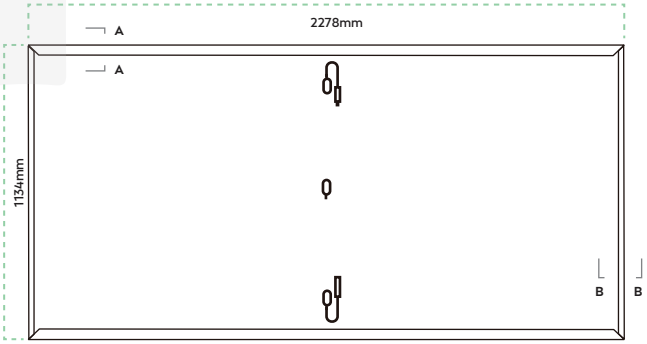
Additional Value

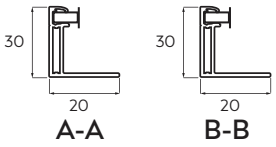




Mechanical Parameters

Cell Orientation	144 (6x12x2) cells
Junction Box	IP67, 3 diodes
Output Cable	300mm length
Glass	2.0mm High Transmission Tempered Glass
Frame	Glass Fiber Reinforced Polyurethane
Weight	31.1kg
Dimensions (mm)	2278 x 1134 x 30 mm





Electrical Characteristics

Module Type	Testing Condition	Maximum Power	Open circuit voltage(V)	Short circuit current (A)	Voltage at Maximum power (V)	Current at Maximum Power (A)	Module Efficiency
570WP	STC	**570**	51.19	13.97	43.22	13.19	22.07%
575WP	STC	575	51.28	14.07	43.33	13.27	22.26%
580WP	STC	580	51.41	14.19	43.44	13.35	22.45%
585WP	STC	585	51.52	14.22	43.55	13.43	22.65%
590WP	STC	590	51.63	14.31	43.66	13.52	22.84%

Operating Parameters

Operational Temp	minus 40°C to 85°C
Power Output Tolerance	0-+ 5W
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	25A
Nominal Operating Cell Temperature	43°C

Temperature Ratings STC

Temperature Coefficient of isc	(+)0.040%/°C
Temperature Coefficient of Voc	(-)0.240%/°C
Temperature Coefficient of Pmax	(-)0,290%/°C

enersol
www.enersol.africa · info@enersol.africa