

Aura Bi-Facial Series

625Wp | 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.



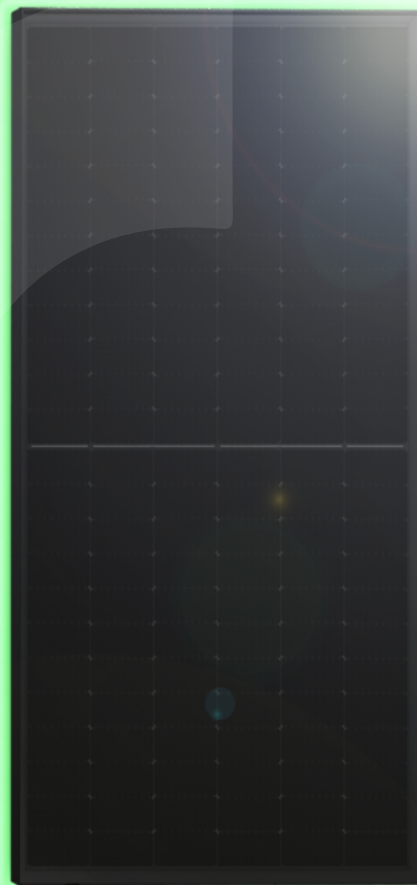
Thermal Stability

Improved glass stability reduces temperature stress, extending module lifetime.



Built-In Reliability

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



IEC 61215 | IEC 61730 i.V. | IEC TS 62941
Certificate Number : 31- 22717

enerSol

23.14%
MAX MODULE
EFFICIENCY

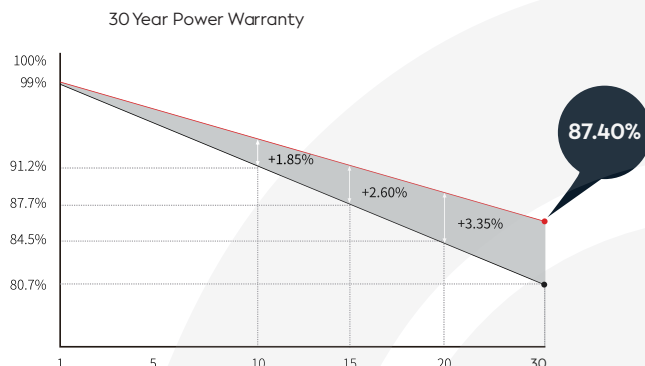
0~+5W
POSITIVE POWER
TOLERANCE

< 1%
FIRST YEAR
POWER DEGRADATION

0.4%
ANNUAL
POWER DEGRADATION

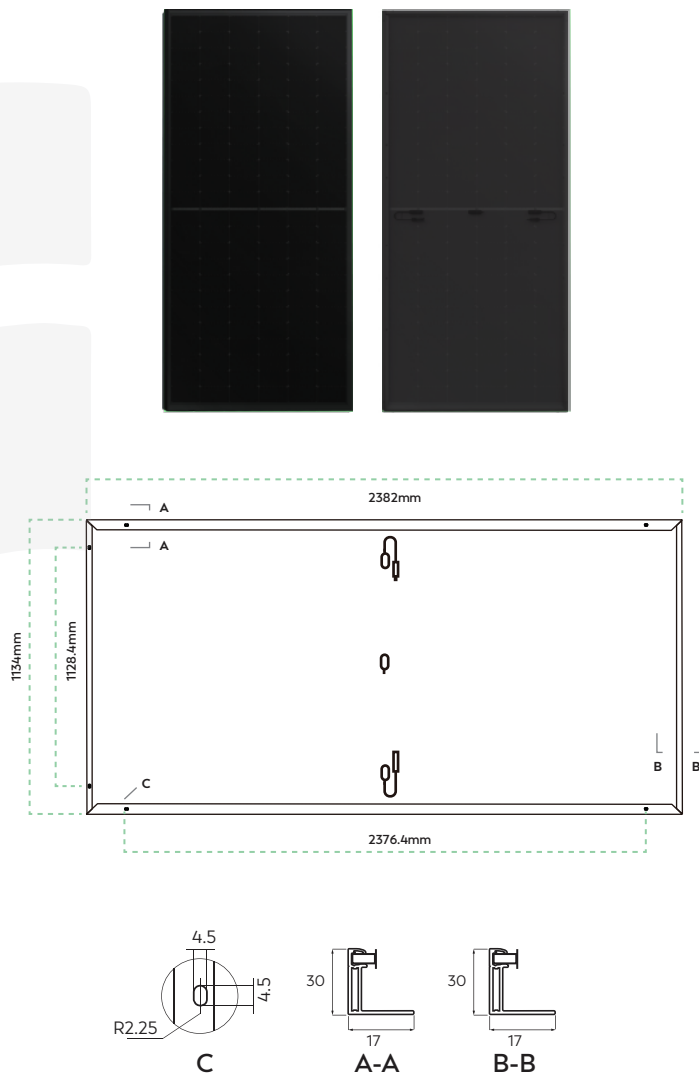
Bi-Facial Technology
REAR-SIDE ENERGY GAIN

Additional Value



Mechanical Parameters

Cell Orientation	132 (6x22) cells
Junction Box	IP68, 3 diodes
Output Cable	4 mm ² , 300mm length (MC4 compatible)
Glass	2.0mm high transmission tempered glass
Frame	Anodized Aluminium
Weight	33.1kg
Dimensions (mm)	2382 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
625WP	STC	625	49.80	15.93	41.60	15.00	23.14%

Operating Parameters

Operational Temp	minus 40°C to 85°C
Power Output Tolerance	0~+ 5W
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	20A
Nominal Operating Cell Temperature	43°C

Temperature Ratings STC

Temperature Coefficient of i_{sc}	(+)0.040%/°C
Temperature Coefficient of V_{oc}	(-)0.240%/°C
Temperature Coefficient of P_{max}	(-)0.290%/°C