

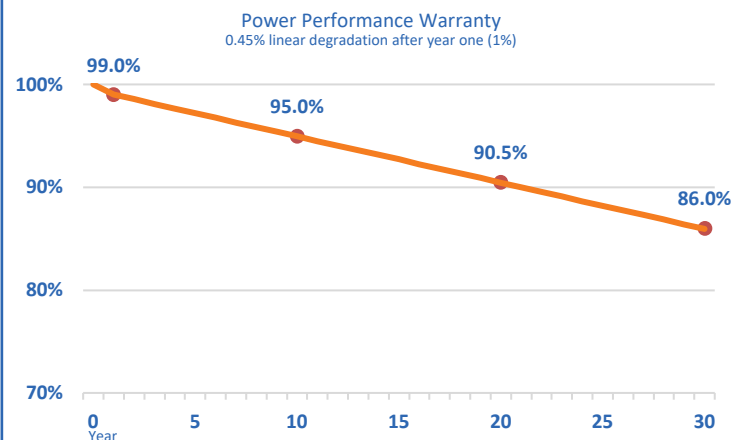
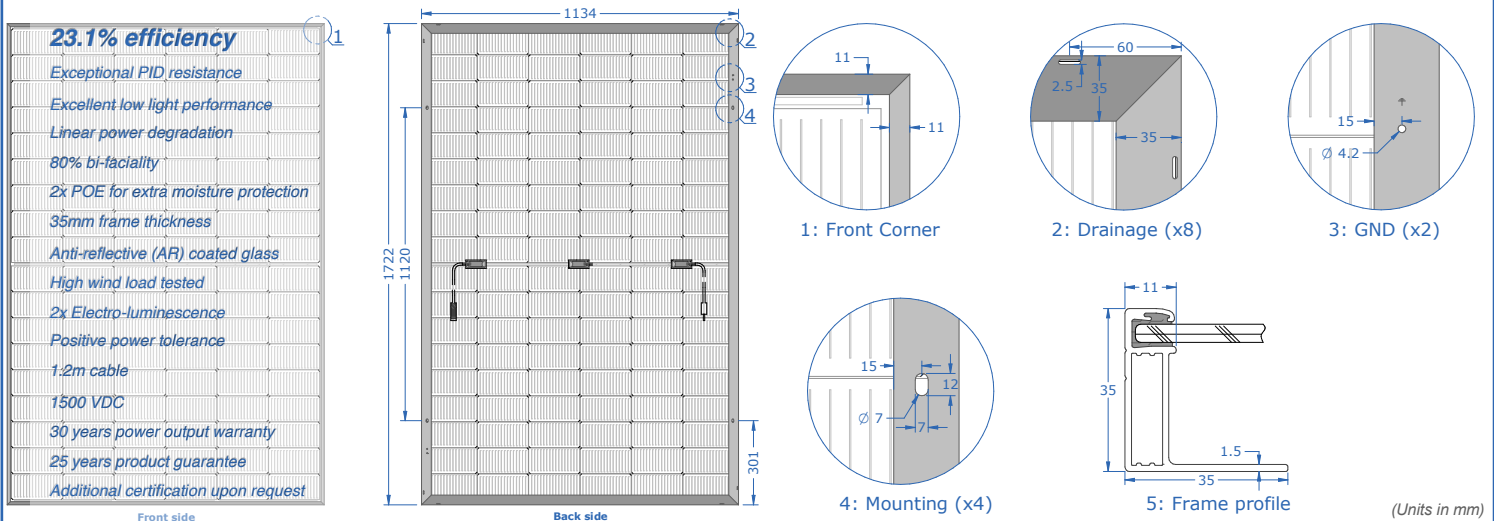
Model Name		AXN10M450B			
Maximum Power (+3%)		450W			
Voc (V)	39.75				
Isc (A)	14.14				
Vmp (V)	33.51				
Imp (A)	13.44				
Module Efficiency (%)	23.1%				
Series Fuse Rating	30A				
Junction Box Protection	IP68				
Maximum System Voltage	VDC1500				
Operating Temperature	-40°C to 85°C				
Module type	Framed Bi-Facial Single Glass w/Anti-Reflective (AR) Coating				
Connector type	Staubli MC4 ⁱ				
Cable length	12AWG 1200mm ⁱⁱ				
Maximum snow/wind load	5400Pa(snow)/5400Pa(wind) ⁱⁱⁱ				
Certification/Fire Type	UL61730 ⁱⁱⁱ ; UL1703 Fire Type 1				

Total power output for different bi-facial gain coefficients			
5%	10%	20%	30%
473W	495W	540W	585W
39.75	39.75	39.75	39.75
14.85	15.55	16.97	18.38
33.51	33.51	33.51	33.51
14.11	14.78	16.13	17.47
24.2%	25.4%	27.7%	30.0%

Bi-Facial modules produce power on both front and back. The actual power output from the back side is determined by installation conditions.

Nominal bi-facial module gain coefficient can run from 5% to 30% or more, depending on the installation height and the amount of indirect irradiance.

It is recommended to design the electrical circuits with safety factor that accounts for the additional power in order to protect electrical hardware.



Mechanical Characteristics	
Frame	Anodized Aluminum (Silver and Black)
Solar Panel	46.96 lbs/21.30 kg 67.80" x 44.65" x 1.38" 1722mm x 1134mm x 35mm
Shipping Pallet	28 pcs per pallet 1360 lbs/617 kgs 70.00" x 47.25" x 44.25" 1778mm x 1200mm x 1124mm
Container	30 pallets (840 pcs) per 53'
Temperature Coefficients	
NOCT	45 °C
Isc/Voc (per °C)	+0.05%/-0.25%
Pmax (per °C)	-0.29%
Standard Test Conditions (STC)	
Irradiance	1000W/m ²
Module Temperature	25 °C
AM	1.50

Specifications subject to change without notice