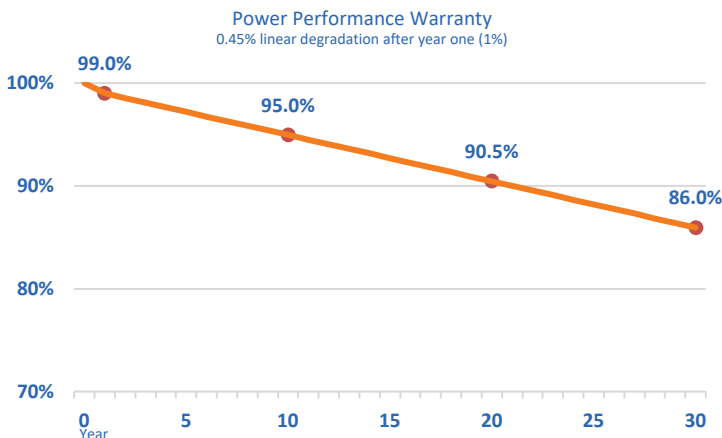
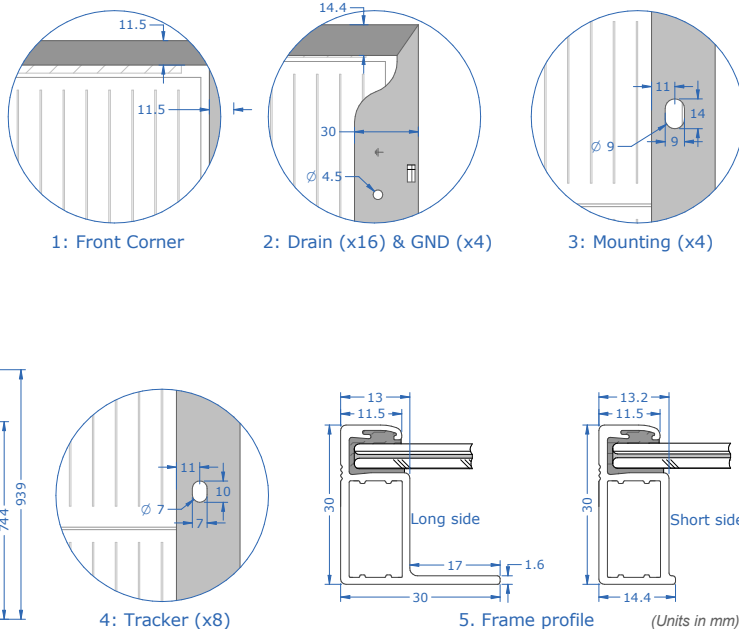
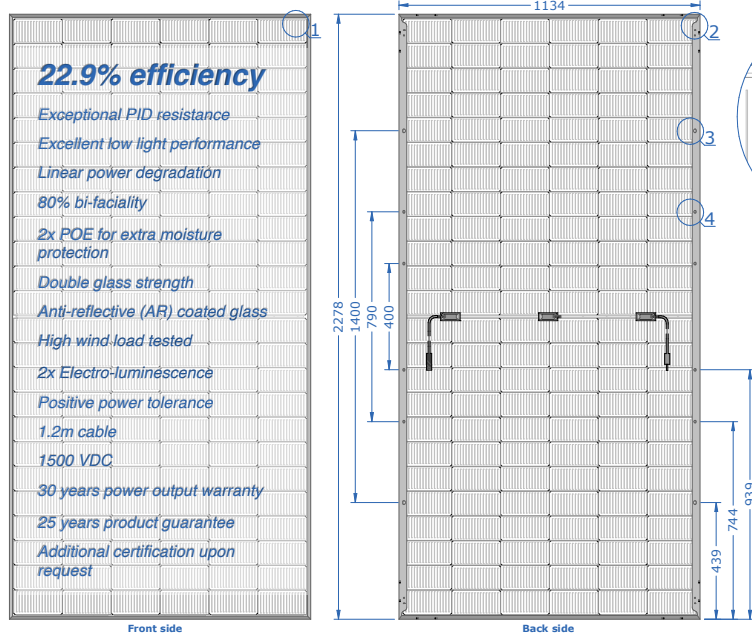


Model Name	AXN10M590B	Total power output for different bi-facial gain coefficients			
		5%	10%	20%	30%
Maximum Power (+3%)	590W	620W	649W	708W	767W
Voc (V)	52.87	52.87	52.87	52.87	52.87
Isc (A)	13.97	14.67	15.37	16.76	18.16
Vmp (V)	44.55	44.55	44.55	44.55	44.55
Imp (A)	13.25	13.91	14.58	15.90	17.23
Module Efficiency (%)	22.9%	31.7%	33.3%	36.3%	39.3%
Series Fuse Rating	30A	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.			
Junction Box Protection	IP68				
Maximum System Voltage	VDC1500				
Operating Temperature	-40°C to 85°C				
Module type	Framed Bi-Facial Double 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 3				

i) Amphenol, EVO2A available, ii) Cable length customizable, iii) Additional certifications available upon request, iiiii) Follow High Wind/Snow installation guide



Mechanical Characteristics	
Frame	Anodized Aluminum (Silver and Black)
Solar Panel	69.99 lbs/31.75 kg 89.69" x 44.65" x 1.18" 2278mm x 1134mm x 30mm
Shipping Pallet	36 pcs per pallet 2613 lbs/1185 kgs 94.65" x 48.66" x 47.52" 2404mm x 1236mm x 1207mm
Container	16 pallets (576 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