

AXN6M BI-FACIAL SERIES

305 – 325 WATT

60 CELL BI-FACIAL MONO-CRYSTALLINE PV MODULES



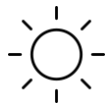
Proudly Manufactured in the USA



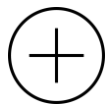
Higher system performance with bi-facial technology



Industry Leading High Efficiency Modules up to 19.7%



**Industry Leading PTC Rating
UL 1703 Type Designation 3**



Modules Shipped with Positive Tolerance



Junction box optimized for bi-facial performance



**30 Year Linear Performance Warranty
10 Year Workmanship Warranty
3rd Party Reliability Testing**



Frameless modules with Anti-reflective coating on glass

Front (Sunny)

Back (Ambient)



- ✓ **Generate power on front and back**
- ✓ **Increase low-light performance**
- ✓ **Increase system performance**



Specifications subject to change without notice.

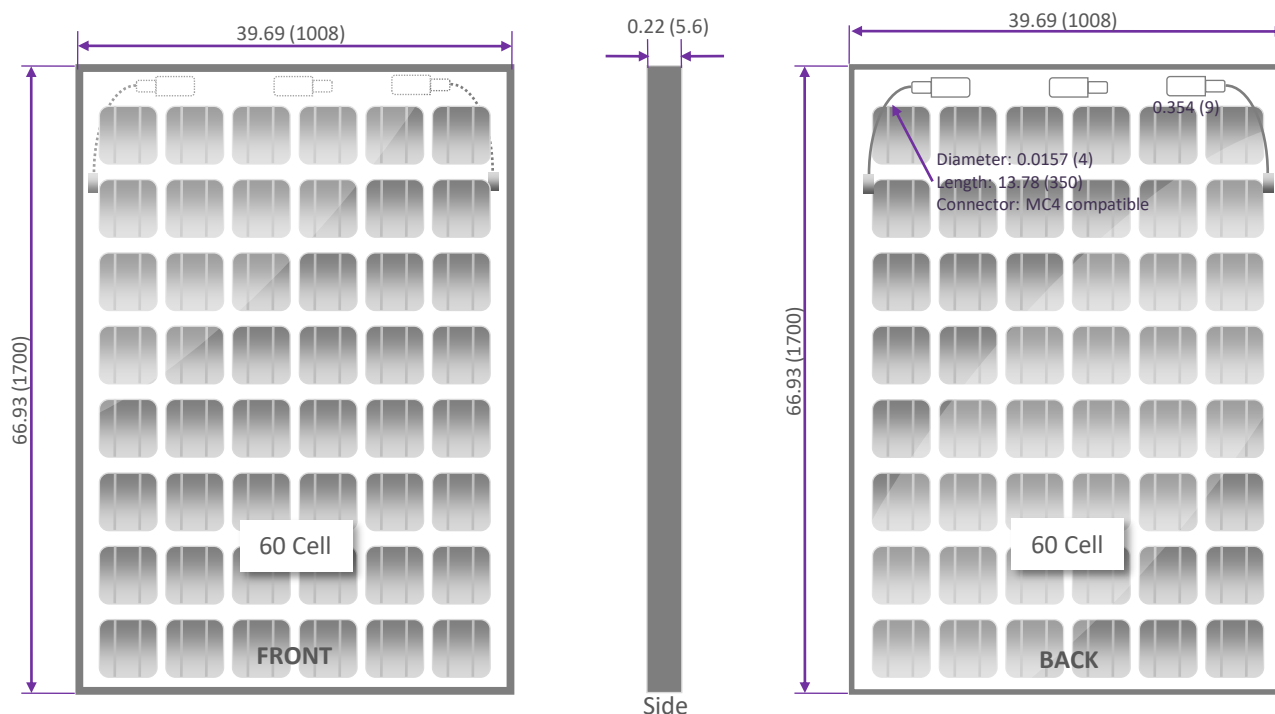
AXN6M BI-FACIAL SERIES

AXN6M610Bxxx	Front side performance				
Maximum Power (+3%)	305	310	315	320	325
Voc (V)	40.79	41.14	41.49	41.84	42.20
Isc (A)	10.06	10.21	10.37	10.52	10.68
Vmp (V)	32.73	32.97	33.22	33.47	33.72
Imp (A)	9.32	9.40	9.48	9.56	9.64
Module Efficiency (%)	18.5%	18.8%	19.1%	19.4%	19.7%
Series Fuse Rating	20A				
Junction Box Protection	IP65/IP67				
Maximum System Voltage	VDC1000				
Operating Temperature	-40°C to 85°C				
Number of Cells	60 (6" Bi-Facial Mono)				
Connector Type	MC4/Tyco compatible - based on customer request				
Fire Rating	UL1703 Type Designation 3				

Bi-Facial performance(30% irradiance on reverse side)				
371	377	383	389	395
40.49	40.83	41.18	41.53	41.88
12.14	12.33	12.51	12.70	12.89
33.38	33.63	33.89	34.14	34.40
11.11	11.21	11.30	11.40	11.49
22.4%	22.8%	23.2%	23.5%	23.9%

Bi-Facial modules produce power on both front and back. Nominal bi-facial module gain coefficient can run from 10% to 30%, depending on the installation 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.

Electrical measurements at STC. Electrical parameter tolerance +/-10%



Units provided as: inches (mm)

Mechanical Characteristics	
Frame	Frameless
Dimension (L x W x D)	66.93" x 39.69" x 0.22" / 1700mm x 1008mm x 5.6mm
Weight/pc	22.6kg/49.8lbs
Pallet	40 pcs
Loading/container	360pcs/40'; 520pcs/53'
Maximum wind load	5400Pa (snow)/3600Pa (wind) with 4-point mount

Temperature Coefficients		Standard Test Conditions (STC)	
NOCT	43.78°C	Irradiance	1000W/m ²
Short circuit current	+0.044%/C	Module Temperature	25 °C
Open circuit voltage	-0.277%/C	AM	1.5
Max power output	-0.376%/C		

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