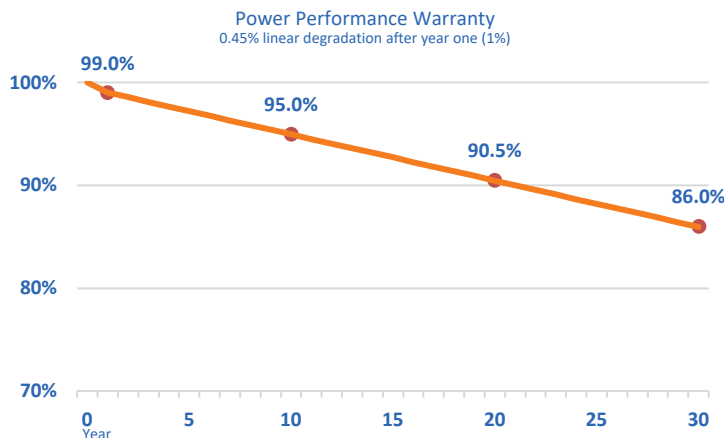
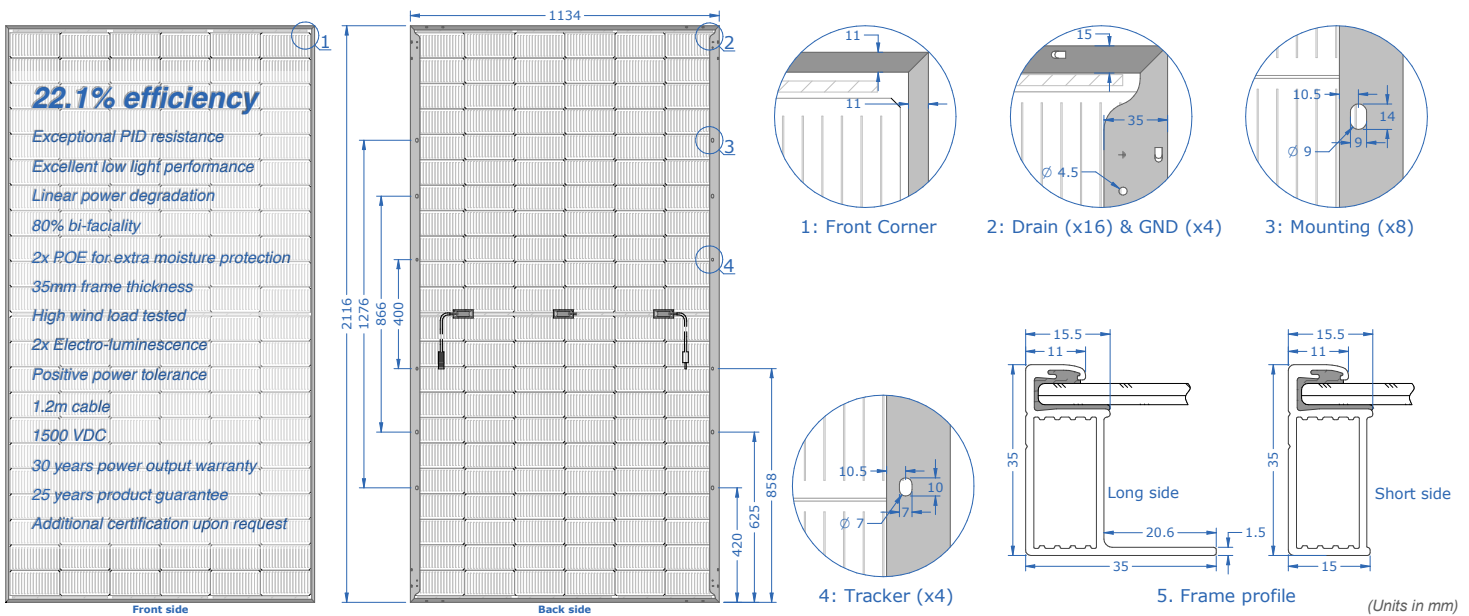


Model Name	AXN10M530B
Maximum Power (+3%)	530W
Voc (V)	47.16
Isc (A)	13.75
Vmp (V)	40.72
Imp (A)	13.01
Module Efficiency (%)	22.1%
Series Fuse Rating	30A
Junction Box Protection	IP68
Maximum System Voltage	VDC1500
Operating Temperature	-40°C to 85°C
Module type	Framed Bi-Facial Single Glass
Connector type	Staubli EVO-2A
Cable length	12AWG 1200mm ⁱⁱ
Maximum snow/wind load	5400Pa(snow)/5400Pa(wind)
Certification/Fire Type	UL61730 ⁱⁱ ; UL1703 Fire Type 1

Total power output for different bi-facial gain coefficients			
5%	10%	20%	30%
556W	583W	636W	689W
47.16	47.16	47.16	47.16
14.44	15.13	16.50	17.88
40.72	40.72	40.72	40.72
13.66	14.31	15.61	16.91
28.5%	29.8%	32.6%	35.3%

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.

i) Amphenol connectors available upon request, ii) Cable length may be customized, iii) Additional certifications available upon request



Mechanical Characteristics	
Frame	Anodized Aluminum (Silver and Black)
Solar Panel	58.33 lbs/26.46 kg 83.31" x 44.65" x 1.38" 2116mm x 1134mm x 35mm
Shipping Pallet	31 pcs per pallet 1893 lbs/859 kgs 87.32" x 48.66" x 47.72" 2218mm x 1236mm x 1212mm
Container	22 pallets (682 pcs) per 53'

Temperature Coefficients		Standard Test Conditions (STC)	
NOCT	45 °C	Irradiance	1000W/m ²
Isc/Voc (per °C)	+0.05%/-0.25%	Module Temperature	25 °C
Pmax (per °C)	-0.29%	AM	1.50

Specifications subject to change without notice