

**For a Free Quote:**

Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)

Call: 1-800-990-3725

Email: [contact@energypal.com](mailto:contact@energypal.com)

# EnergyPal

## **Solar Panel Guide Specification Data Sheet**

**Advance Power Inc.  
API-M 155-175 Bifacial  
AXN6M610S175**

Also available on the web at  
[EnergyPal.com/advance-power-inc-solar-panels/axn6m610s175](http://EnergyPal.com/advance-power-inc-solar-panels/axn6m610s175)

# API-M 60 CELL SERIES

## 155 – 175 WATT

### 120 1/4 CELL BI-FACIAL PV MODULES



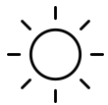
**Proudly Manufactured in the USA**



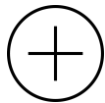
**Bi-Facial cells for high system performance**



**Double-layer substrate for high-humidity conditions**



**Staggered cell placement for high light transmittance**



**Modules Shipped with Positive Tolerance**



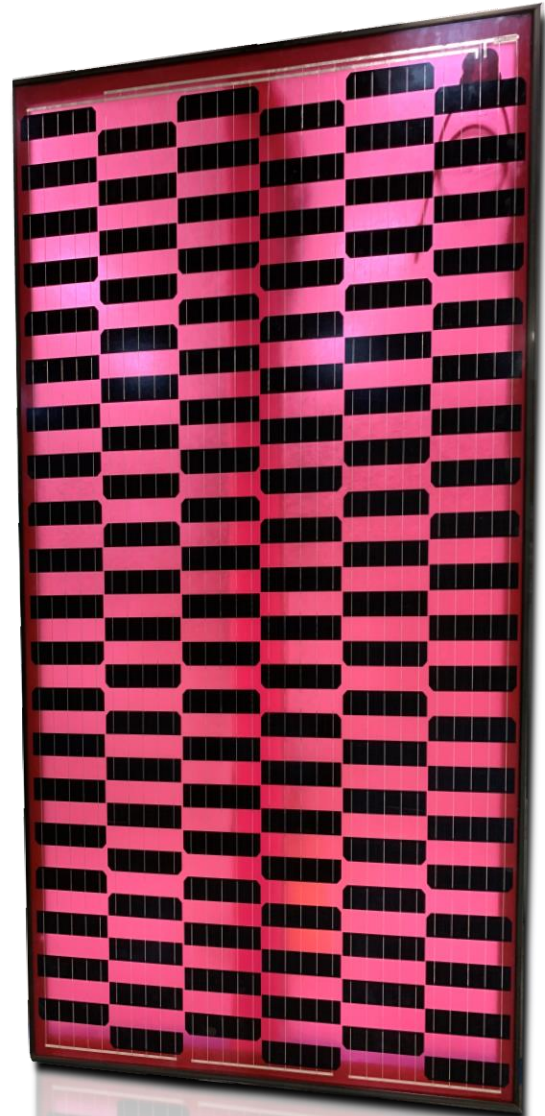
**3rd Party Reliability Testing**



**25 Year Linear Performance Warranty  
10 Year Workmanship Warranty**



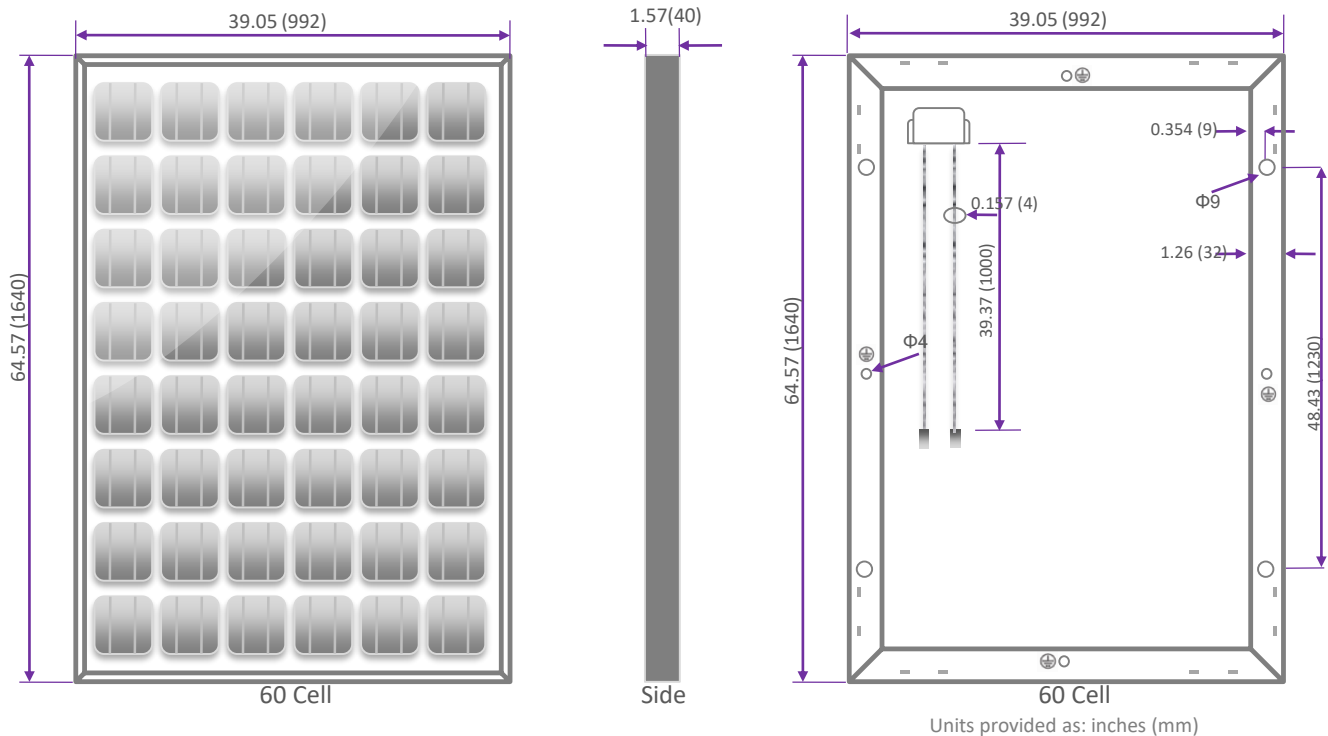
**Anti-reflective coating on glass**



*Specifications subject to change without notice.*

# API-M 60 CELL SERIES

	AXN6M610Sxxx				
Maximum Power (+3%)	155	160	165	170	175
Voc (V)	26.55	26.64	26.72	26.81	26.89
Isc (A)	7.47	7.71	7.95	8.19	8.43
Vmp (V)	21.91	21.96	22.03	22.09	22.15
Imp (A)	7.08	7.29	7.49	7.70	7.90
Module Efficiency (%)	9.5%	9.8%	10.1%	10.4%	10.8%
Series Fuse Rating	20A				
Junction Box Protection	IP65/7				
Maximum System Voltage	VDC1000				
Operating Temperature	-40°C to 85°C				
Number of Cells	120 (1/4 6" Mono)				
Connector Type	MC4 compatible				
Fire Rating	UL1703 Type 2				



Units provided as: inches (mm)

Mechanical Characteristics	
Frame	Anodized Aluminum (Silver and Black)
Dimension (L x W x D)	64.57" x 39.06" x 1.57" / 1640mm x 992mm x 40mm
Weight/pc	19.0kg/41.9lbs
Pallet	26 pcs
Loading/container	312pcs/20'; 728pcs/40'; 832pcs/53'
Maximum wind load	30 lbs/ft <sup>2</sup>

Temperature Coefficients		Standard Test Conditions (STC)	
NOCT	41.69°C	Irradiance	1000W/m <sup>2</sup>
Short circuit current	+0.034%/C	Module Temperature	25 °C
Open circuit voltage	-0.278%/C	AM	1.5
Max power output	-0.371%/C		

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