

**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-P 285-335W 72 CELL  
API-P315**

Also available on the web at  
[EnergyPal.com/advance-power-inc-solar-panels/api-p315](http://EnergyPal.com/advance-power-inc-solar-panels/api-p315)

# API-P 72 CELL SERIES

## 285 – 335 WATT

### 72 CELL POLY-CRYSTALLINE PV MODULES



**Proudly Manufactured in the USA**



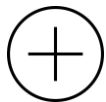
**Available in Standard and Black**



**Module efficiencies up to 17.3%**



**Industry Leading 91.9% PTC Rating**



**Modules Shipped with Positive Tolerance**



**3rd Party Reliability Testing**



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



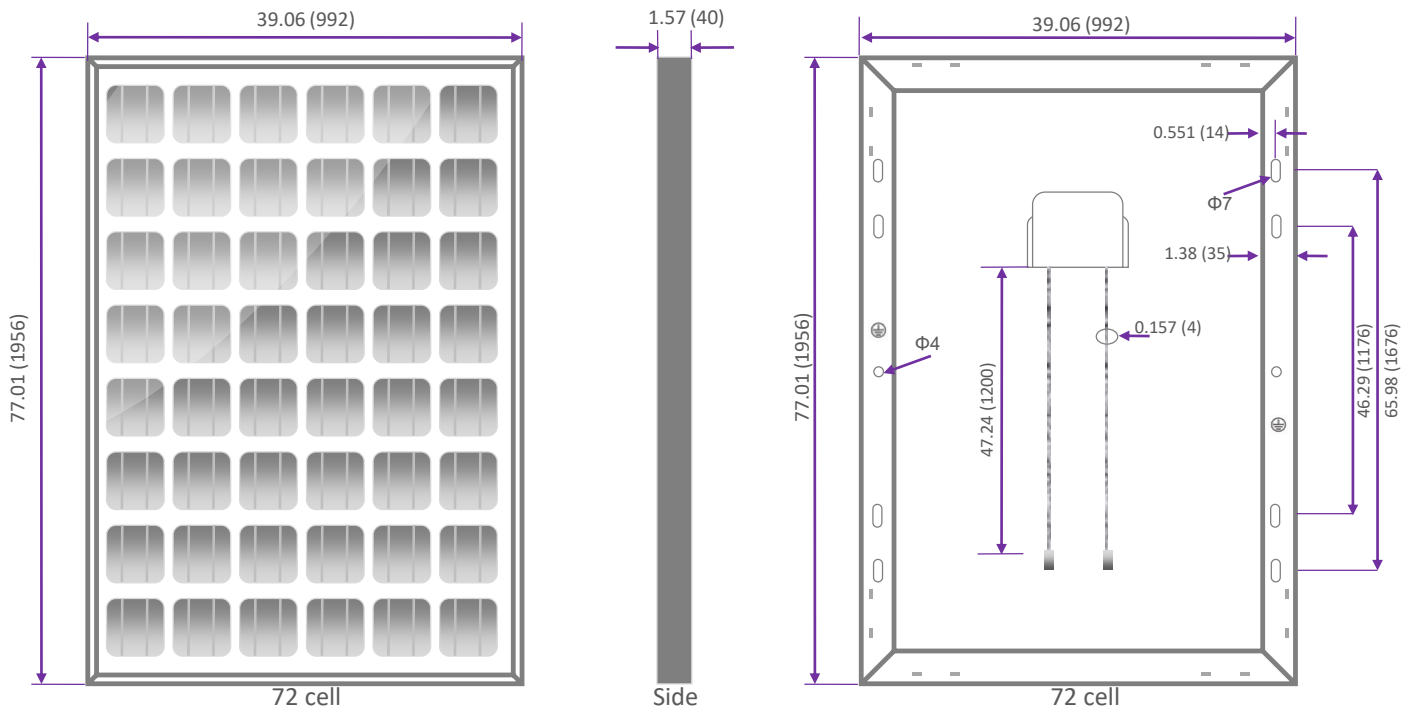
**Anti-reflective coating on glass**



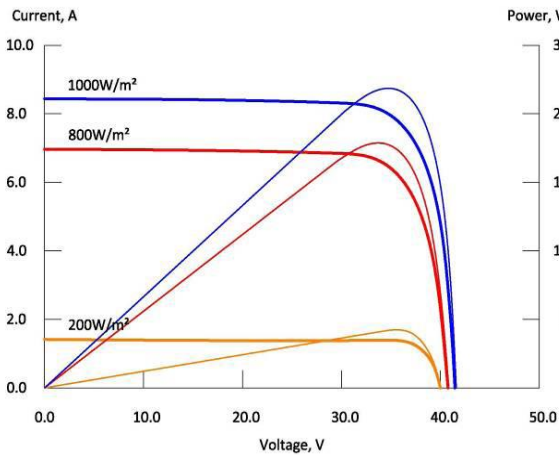
*Specifications subject to change without notice.*

# API-P 72 CELL SERIES

	APIxxx										
Maximum Power (+3%)	285	290	295	300	305	310	315	320	325	330	335
Voc (V)	44.21	44.28	44.42	44.86	45.00	45.22	45.23	45.51	45.79	46.08	46.37
Isc (A)	8.32	8.46	8.49	8.54	8.56	8.62	9.31	9.38	9.44	9.50	9.56
Vmp (V)	36.79	36.79	37.01	37.66	37.87	38.02	36.29	36.59	36.88	37.22	37.55
Imp (A)	7.75	7.96	8.00	8.05	8.08	8.16	8.68	8.75	8.81	8.87	8.94
Module Efficiency (%)	14.7%	14.9%	15.2%	15.5%	15.7%	16.0%	16.2%	16.5%	16.7%	17.0%	17.3%
Series Fuse Rating	15A										
Junction Box Protection	IP65										
Maximum System Voltage	VDC1000										
Operating Temperature	-40°C to 85°C										
Number of Cells	72 (6" Poly)										
Connector Type	MCA/Tyco compatible - based on customer request										
Fire Rating	UL1703										



Units provided as: inches (mm)



— Current & Voltage     
 — Power & Voltage

Mechanical Characteristics	
Frame	Anodized Aluminum (Silver and Black)
Dimension (L x W x D)	77.01" x 39.06" x 1.57" / 1956mm x 992mm x 40mm
Weight/pc	21.4kg/47.2lbs
Pallet	26 pcs
Loading/container	312pcs/20'; 624pcs/40'; 754pcs/53'
Maximum wind load	30 lbs/ft²

Temperature Coefficients		Standard Test Conditions (STC)	
NOCT	47°C	Irradiance	1000W/m²
Short circuit current	+0.05%/C	Module Temperature	25 °C
Open circuit voltage	-0.32%/C	AM	1.5
Max power output	-0.42%/C		

Specifications subject to change without notice.