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EnergyPal

Solar Panel Guide Specification Data Sheet

**Advance Power Inc.
API-M 330-370W 72 CELL
API370**

Also available on the web at
EnergyPal.com/advance-power-inc-solar-panels/api370

API-M 72 CELL SERIES

330 – 370 WATT

72 CELL MONO-CRYSTALLINE PV MODULES



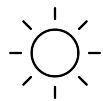
Proudly Manufactured in the USA



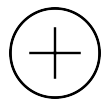
Available in Standard and Black



**Industry Leading High Efficiency
Modules up to 19.1%**



**Industry Leading 91.9% PTC Rating
UL 1703 Fire Rating Type 2**



Modules Shipped with Positive Tolerance



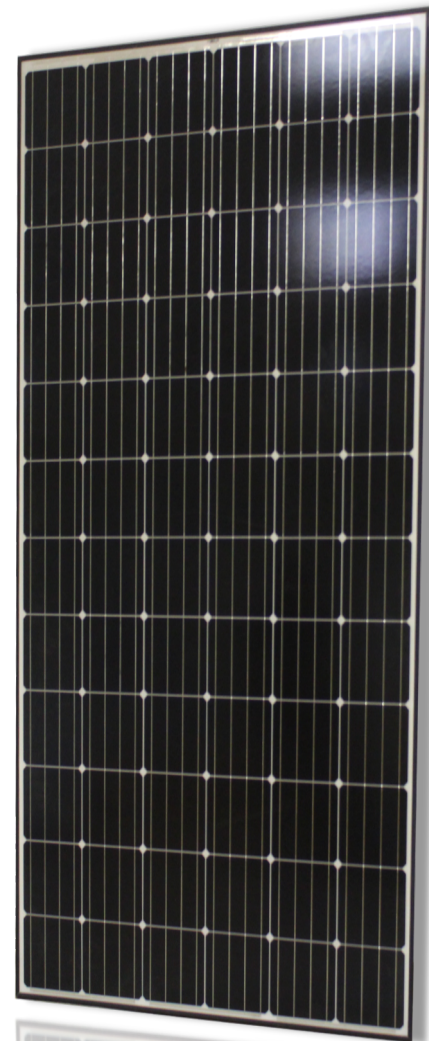
3rd Party Reliability Testing



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



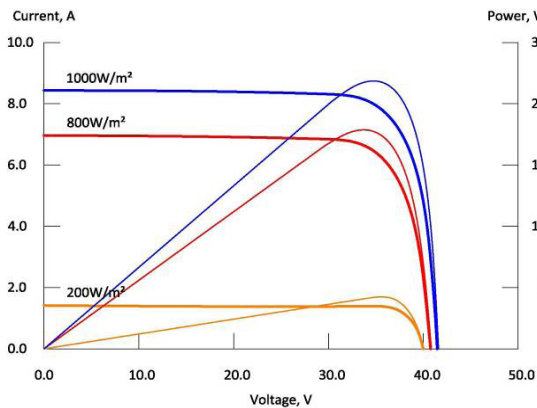
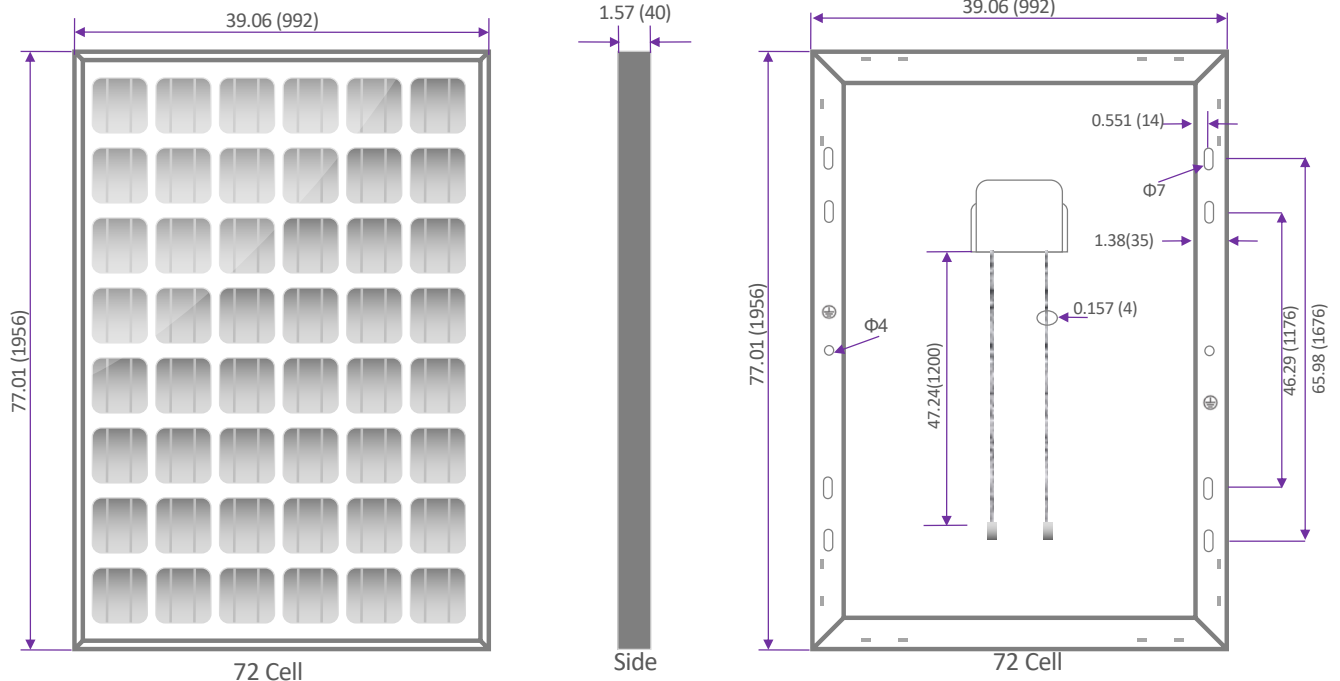
Anti-reflective coating on glass



Specifications subject to change without notice.

API-M 72 CELL SERIES

	APIxxx							
Maximum Power (+3%)	335	340	345	350	355	360	365	370
Voc (V)	47.04	47.18	47.28	47.37	47.47	47.56	47.66	47.75
Isc (A)	9.61	9.64	9.72	9.81	9.90	9.99	10.08	10.17
Vmp (V)	37.98	38.32	38.40	38.48	38.55	38.63	38.71	38.78
Imp (A)	8.82	8.96	8.98	9.10	9.21	9.32	9.43	9.54
Module Efficiency (%)	17.3%	17.5%	17.8%	18.0%	18.3%	18.6%	18.8%	19.1%
Series Fuse Rating	20A							
Junction Box Protection	IP65/7							
Maximum System Voltage	VDC1000							
Operating Temperature	-40°C to 85°C							
Number of Cells	72 (6" Mono)							
Connector Type	MC4/Tyco compatible - based on customer request							
Fire Rating	UL1703 Type 2							



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 snow/wind load	50 lbs/ft ²		
Temperature Coefficients		Standard Test Conditions (STC)	
NOCT	46.7°C	Irradiance	1000W/m ²
Short circuit current	+0.04%/C	Module Temperature	25 °C
Open circuit voltage	-0.28%/C	AM	1.5
Max power output	-0.38%/C		

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