

For a Free Quote:

Web: **EnergyPal.com/solar**

Call: **1-800-990-3725**

Email: **contact@energypal.com**



**Solar Panel Guide
Specification Data Sheet**

**Prism Solar Technologies Inc.
P72-365-375 PERC
375**

Also available on the web at
EnergyPal.com/prism-solar-technologies-inc-solar-panels/375

Prism Solar Technologies

P72 Series

The Clear Choice

PERC-72 CELL SERIES

365W-375W



Class Leading Output:
375W top tier power performance



Advanced Technology:
Module efficiencies above 18%
MONO PERC 5 busbar cells



Reduced System Costs:
1500V robust framed design
drives lower installation costs



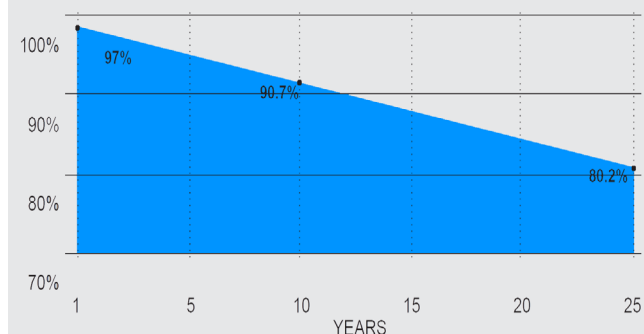
Certified Reliability:
Tested above and beyond
3X IEC Standards



BAA compliant:
Meets Buy America/America
Recovery & Reinvestment Act
Requirements



25-YEAR LINEAR WARRANTY



IEC 61215/ IEC 61730/ IEC 6170/ UL 1703



Proudly Engineering, Tested, and
Manufactured in the USA.
ARRA and Buy American act compliant

Prism Solar
TECHNOLOGIES
www.prismsolar.com

PERC CELL SERIES

365-375W

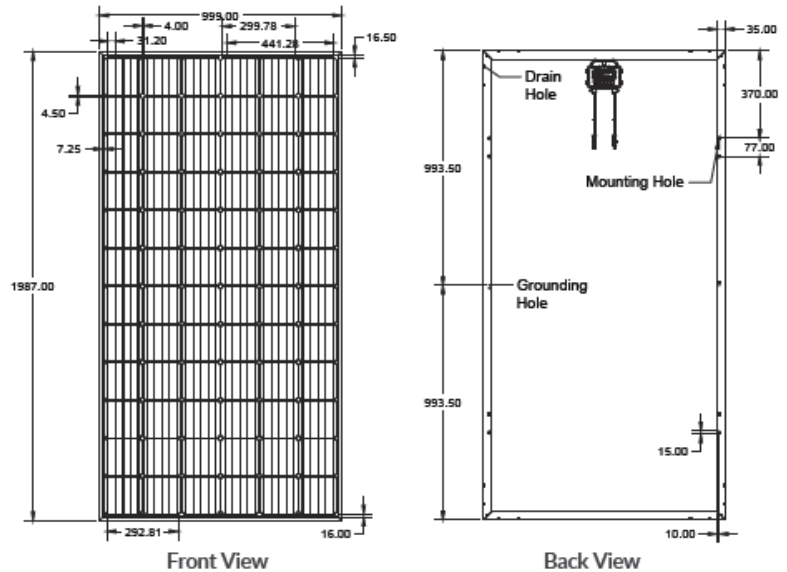
Electrical Data for Modules P72-365,370,375

Projected specifications @ STC

Parameters for P72-365,370,375		STC ¹
Rated Power	P _{max} (W)	365/370/375
Rated Voltage	V _{mp} (V)	39.52/39.59/39.76
Rated Current	I _{mp} (A)	9.24/9.32/9.43
Open Circuit Voltage	V _{oc} (V)	48.05/48.08/48.16
Short Circuit Current	I _{sc} (A)	9.71/9.77/9.83
Module Efficiency	(%)	18.39/18.60/18.89
Max System Voltage	UL/IEC	1500V
Series Fuse Rating/Limiting Reverse Current		20A
Power Tolerance		-0%/+3%
Electrical Parameter Tolerance		-10%/+10
Power Temperature Coefficient		-0.377 %/°C
Voltage Temperature Coefficient (V _{oc})		-0.280 %/°C
Current Temperature Coefficient (I _{sc})		+0.046 %/°C
NOCT (C°)		44°C +/- 2°C

Dimensions, mm [in]

Length & width dimensions and j-box location are +/- 5mm.



Mechanical Data

Front Glass	3.2mm Tempered Low Iron, Anti-reflective coating
Frame Type	Anodized Aluminum Alloy
Bypass Diodes	3
Junction Box	IP67 with bypass-diodes
Cable (Type/Gauge/Length)	PV Wire 12 AWG 1200mm 4mm ²
Connectors	MC4 compatible
Exterior Glass Dimensions	1987mm X 999mm X 40mm (78.23in X 39.33in X 1.57in)
Weight	21.6kg (47.6 lbs.)

Operating Conditions

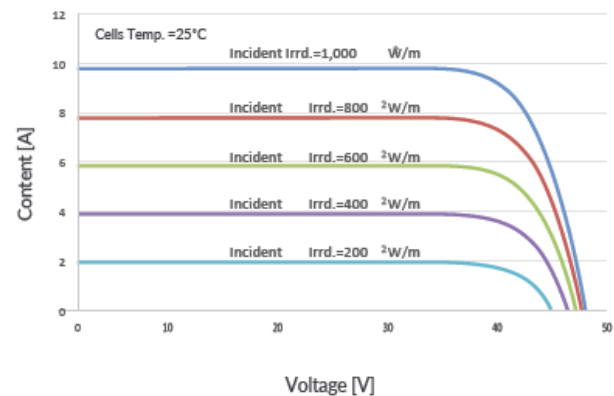
Temperature	-40°C to 90°C (-40°F to 194°F)
Max Mechanical Load ³	5600 Pa wind load 5600 Pa snow load
Hail Safety Impact Velocity	25mm @ 23m/s

Certifications & Warranty

Certifications and Listings	UL1703, IEC61215/61730, CEC
Fire Rating	Type=1 ; Class C
Limited Warranty (Workmanship/Power)	10 Years/25 Years Output ⁴

- 1 - Measured at Standard Testing Conditions (STC): cell temp 25°C, AM1.5, 1000W/m².
- 2 - Length and width dimensions are +/- 5mm.
- 3 - To achieve this max weight loading, the support and racking system must meet the mechanical weight loading specified.
- 4 - Please see the Prism Solar Warranty for complete details.

Temperature Dependence P72-375



IMPORTANT: Prism modules are rated at STC conditions

CAUTION: Read the Installation Manual and Design Guide carefully before using this product. All specifications are subject to change without notice.

P72xxx specifications, all values subject to change without notice. All rights reserved. rev 0.1

Prism Solar
TECHNOLOGIES

180 South Street, Highland, NY 12528

520-333-4277

www.prismsolar.com