

CROSSROADS SOLAR

CROSSROADS 325



Crossroads Solar manufactures solar panels in **South Bend, IN**



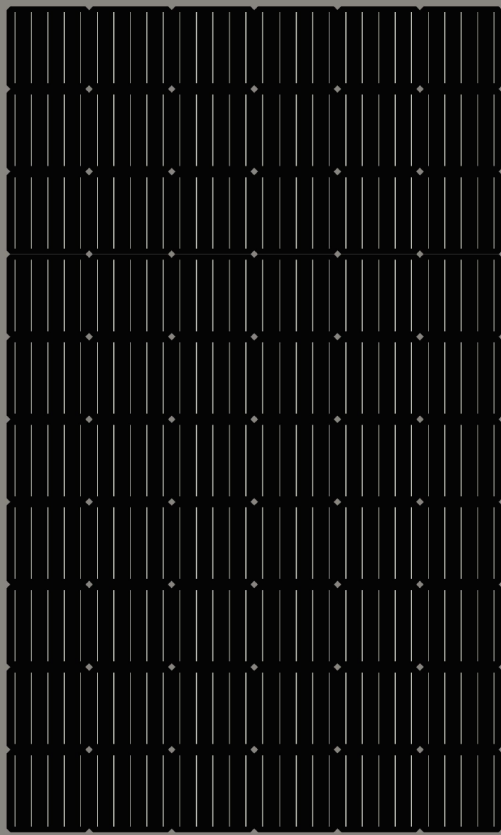
Our core mission is to provide **jobs and life training opportunities** for recently released felons



We make solar panels because it is **good for the planet**



We help remake people because it is **good for our communities**



PERC

5 BUSBAR CELLS

325W

POWER OUTPUT

22.1%

MAXIMUM EFFICIENCY

-0, +1.5%

POWER TOLERANCE

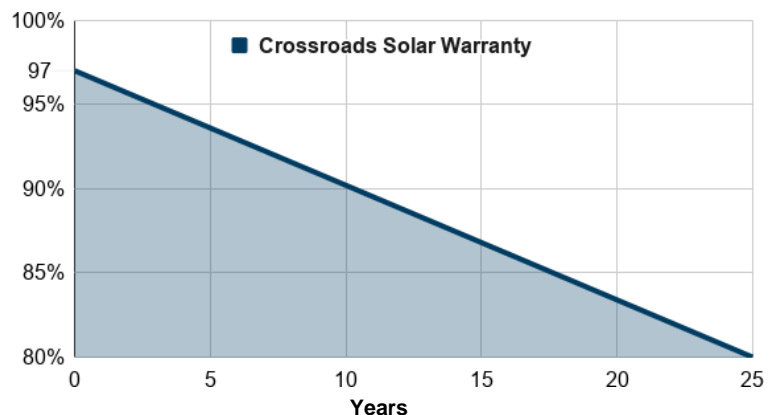
10/25 Year

PRODUCT/PERFORMANCE
WARRANTY

Our panels are American made with automated equipment, from top quality components, and certified to IEC 61730 & IEC 61215 standards.

They come with a 10 year product and a 25 year performance warranty, consistent with industry standards.

25 YEAR PERFORMANCE WARRANTY



CERTIFIED TO IEC 61730 &
IEC 61215 STANDARDS

Electrical Performance

Power Output	P_{max}	330	W
Model Efficiency	η_m	22.1	%
Tolerance		1.5	%
Short Circuit Current	I_{sc}	9.9	A
Open Circuit Voltage	V_{oc}	41	V
Rated Current	I_{mp}	9.35	A
Rated Voltage	V_{mp}	34.8	V
Fuse Rating		20	A

Thermal Characteristics

Normal Operating Cell Temperature (NOCT)	45 ± 2	$^{\circ}C$
Temperature Coefficient of P_{max}	-0.38	%/K
Temperature Coefficient of V_{oc}	-0.36	%/K
Temperature Coefficient of I_{sc}	0.068	%/K

Construction Materials

Front Glass	3.2mm (tempered, low iron, ARC)
Frame	Anodized Aluminum
Encapsulant	EVA
Junction Box	IP 67
Cables	1 meter
Connector	MC4

Operating Conditions

Maximum System Voltage	1500Vdc
Operating Temperature Range	-40 $^{\circ}C$ (-40 $^{\circ}F$) to 85 $^{\circ}C$ (185 $^{\circ}F$)
Maximum Series Fuse Rating	20
Fire Safety Classification	Type 1 (U.S.) Class C (Canada)
Hail Safety Impact Velocity	25mm at 23m/s

Packaging Information

Number of modules per pallet	26
Pallet Dimensions	1200mm x 1000mm x 2000mm (47.2in x 39.4in x 78.7in)
Pallet Weight	600kg
Number of pallets per container	28

General Characteristics

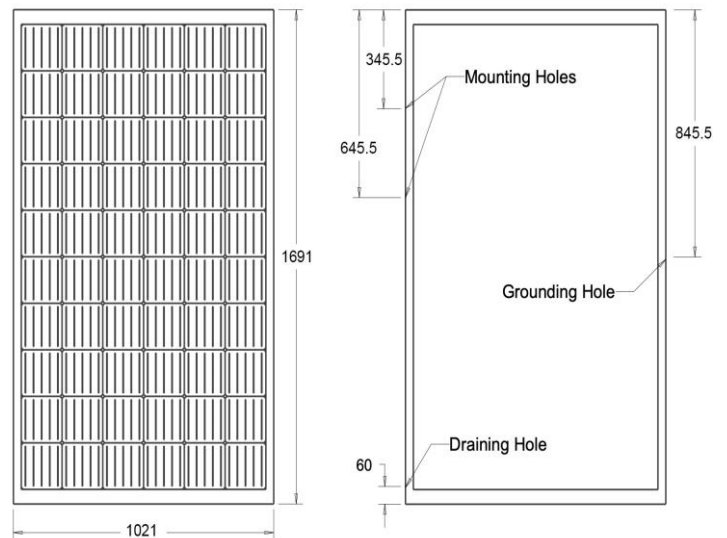
Solar Cells	G1, Mono Crystalline Silicon 158.75mm x 158.75mm \pm 0.25mm
Cell Orientation	60 cells (6x10)
Module Dimension (L x W x H)	1691mm x 1021mm x 40mm (66.57in x 39.96in x 1.575in)
Weight	21kg (46.3lb)

Qualifications and Certifications

UL/IEC	61730 & 61215
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PANEL DRAWING

Units: mm



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CONTACT US

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