



# Empowering People, Powering The World

**Product Name:**  
**Crossroads 395 Bifacial**

**PERC**                      **395 - 475 W**  
5 Busbar Cells              Power Output





Made In America Compliant

**10/25 Year**  
Product/ Performance Warranty



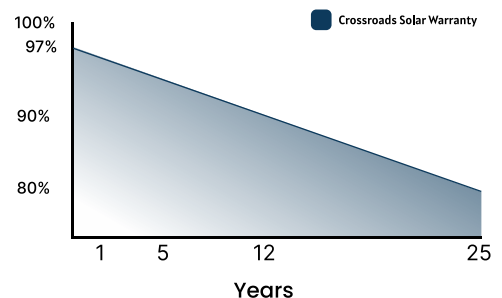
“ Our panels are American made from top quality components, certified to IEC 61730 & IEC 61215 standards and CEC Listed. They come with a 10/25 year warranty, consistent with industry standards. ”

 American made solar panels that are good for the planet and our communities

 Our core mission is to provide quality employment for second-chance citizens

 Awarded - Indiana Community Impact Small Business of the Year

**25 Year Performance Warranty**



**Certified To UL 61730, IEC 61215, CEC Listed**

## Specifications

SKU	Front Side Performance (CR 395)	Bifacial performance @10% Irradiance Rear Side**	Bifacial performance @20% Irradiance Rear Side**
Max Power (Watts)	395	430	475
Open Circuit Voltage Voc	49.39	54.33	59.26
Short Circuit Current Isc	10.27	11.29	12.32
Voltage Max Power Vmp	42.12	46.33	50.54
Current Max Power Imp	9.69	10.65	11.62
Module Efficiency	19%	20.40%	22%
Operating Temperature Range	-40 °C (-40 °F) to 85 °C (185 °F)		
Maximum System Voltage	1500Vdc		
Maximum Series Fuse Rating	20A		
Power Tolerance	3.0%		
Temperture Coefficient of P <sub>max</sub>	-0.38%/°C		
Temperture Coefficient of V <sub>oc</sub>	-0.36%/°C		
Temperture Coefficient of I <sub>sc</sub>	0.068%/°C		

\* Measurement Tolerances: P<sub>max</sub>+/-3%; Isc +/-5%; Voc +/-5%

\*\*Our assumptions based on a 10-20% gain from the rear side irradiance. This will vary with installation and orientation.

## General Characteristics

Solar Cells	GI, Mono Crystalline Silicon 158.75mm x 158.75mm ± 0.25mm
Cell Orientation	72 cells (6x12)
Module Dimension (Lx W x H)	2011mm x 1021mm x 44mm (79.17in x 40.20in x 1.575in)
Weight	22kg (48.5 lbs)

## Construction Materials

Front Glass	3.2mm (tempered, low iron, ARC)
Frame	Anodized Aluminum
Encapsulant	EVA
Junction Box	IP 68
Cables	1 meter
Connector	MC4

## Packaging Information

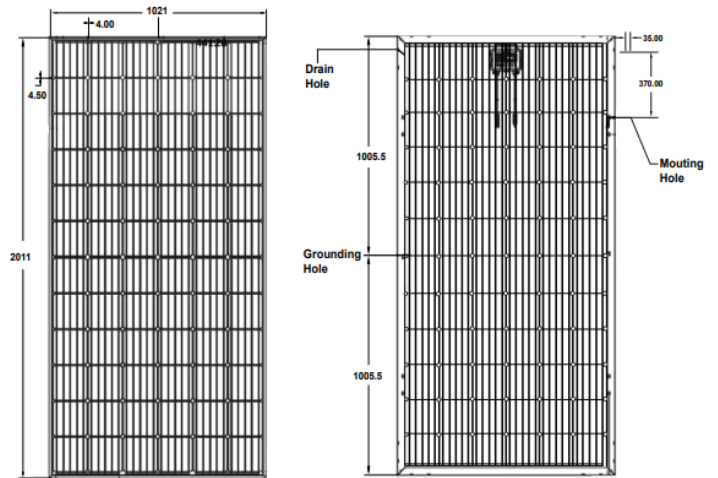
Number of modules per pallet	26
Pallet Dimensions	81in x 44in x 45in
Pallet Weight	600kg
Number of pallets per container	28

## Qualifications and Certifications

UL/IEC	UL 61730, IEC 61215, CEC Listed
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## Panel Drawing

Units: mm



Front View

Back View

## Partner Section



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