CROSSROADS SOLAR

Empowering People, Powering The World

Product Name:
Crossroads 395 Bifacial

PERC
5 Busbar Cells

395 W
Power Output

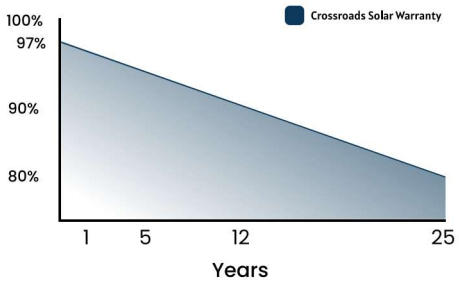
Made In America Compliant

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**
Max Power(Watts)	395	430
Open Circuit Voltage Voc	49.39	49.9
Short Circuit Current Isc	10.27	10.5
Voltage Max Power Vmp	42.12	43.3
Current Max Power Imp	9.69	9.93
Module Efficiency	19%	20.40%
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_{max}	-0.38%/°C	
Temperture Coefficient of V_{oc}	-0.36%/°C	
Temperture Coefficient of I_{sc}	0.068%/°C	

* Measurement Tolerences: Pmax+/3%; Isc +/-5%; Voc +/-5%

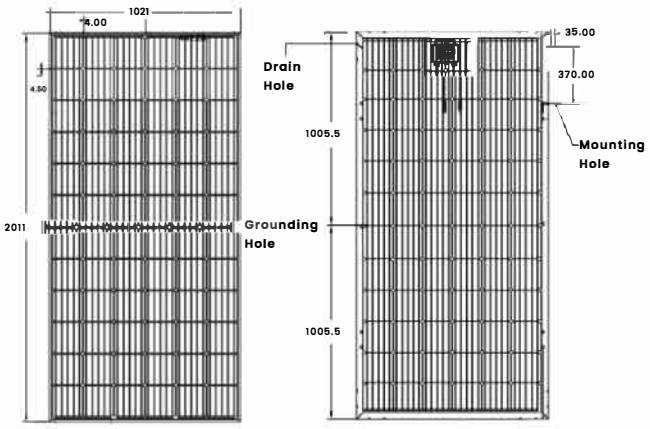
**Our assumptions based on a 10-20% gain from the rear side irradiance. This will vary with installation and orientation.

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 40mm (79.17in x 40.20in x 1.575in)
Weight	22kg (48.5 lbs)

Panel Drawing

Units: mm



Front View **Back View**

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

CROSSROADS SOLAR

Website:
crossroads-solar.com

Tel:
607-759-1058

Email:
patrickregan@crossroads-solar.com