



# MEGA 335

## 335 WATT SOLAR PANEL

**335 WATT**  
MAXIMUM POWER OUTPUT

**60 CELL**  
MONOCRYSTALLINE MODULE

**0~+5W**  
POSITIVE POWER TOLERANCE

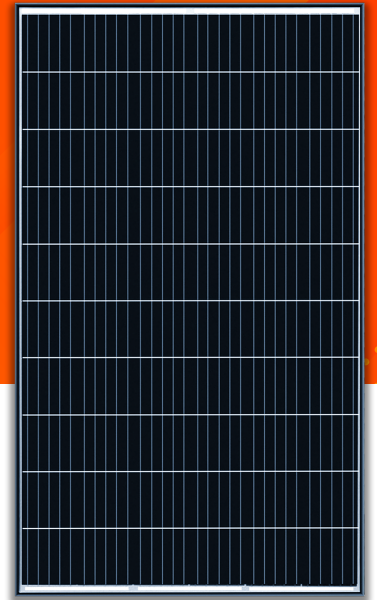
**20.3%**  
MAXIMUM EFFICIENCY

RICH SOLAR is the leading supplier of off-grid solar equipment for RV, agriculture, off-grid housing, marine, light industrial and heavy equipment, provides solar panels and other equipment, including solar charge controllers, inverters, batteries, and complete do-it-yourself solar kits.

We'd love to work with you to create the perfect solar solution for your product or industry. Lead your industry and increase product value by adding solar or making it solar-ready.

**GLOBAL HEADQUARTERS**  
(USA AND INTERNATIONAL EXCLUDING EMEA)

**RICH SOLAR**  
5550 Jurupa St. T: 1-800-831-9889  
Ontario, CA 91761 E: sales@richsolar.com



### FEATURES

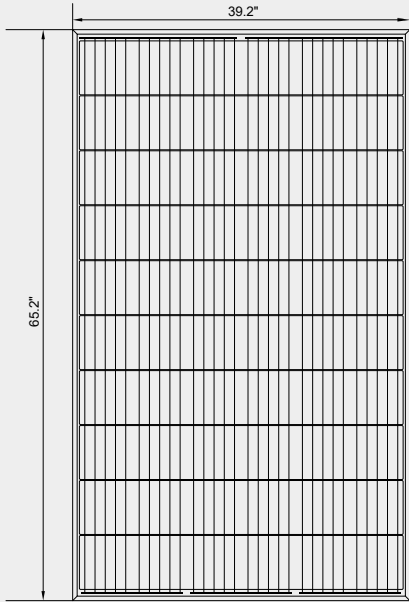
- 5 buss bar solar cell configuration
- Lightweight anodized aluminum frame
- High transmission, AR (anti-reflective) coated tempered glass
- Plug and play junction box
- Industry standard quick connect cables (MC4) work in series or in parallel
- Highly reliable due to stringent quality control (Over 30 in-house tests (UV, TC, HF, and many more), PID resistant, 100% EL double inspection)
- Certified to withstand challenging environmental conditions (2400 Pa wind load, 5400 Pa snow load, 35 mm hail stones at 97 km/h)
- Excellent low light performance on cloudy days, mornings, and evenings.

### INSTALLATION

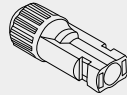
- Easy installation and handling for various applications (high-end off-grid and mobile applications)
- Pre-drilled holes compatible with ground mounts, Z brackets, pole mounts and tilt mounts
- Compatible with on-grid and off-grid inverters

### WARRANTY

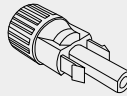
- 25 year limited power output



Front Profile (unit: inch)

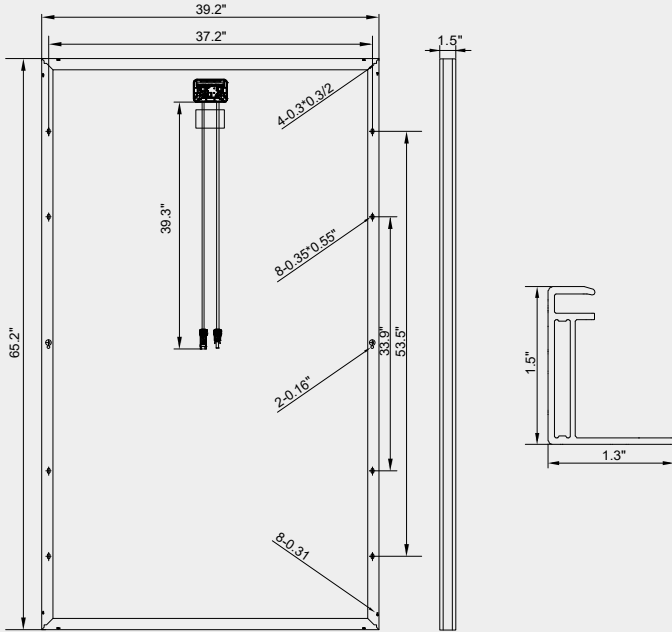


MC4 Negative



MC4 Positive

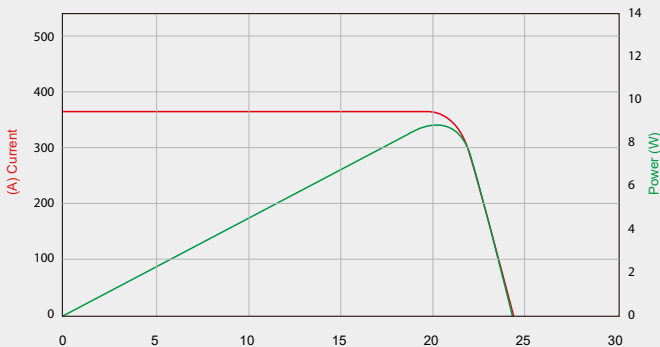
MC4 Connectors



Back Profile (unit: inch)

Side Profile

## CURVE CHARACTERISTICS



## ELECTRICAL DATA (STC)

Peak Power Watts- $P_{MAX}$ (Wp)	335 W
Power Output Tolerance- $P_{MAX}$ (W)	0~+5 W
Maximum Power Voltage- $V_{MPP}$ (V)	34.1 V
Maximum Power Current- $I_{MPP}$ (A)	9.85 A
Open Circuit Voltage- $V_{oc}$ (V)	41.6 V
Short Circuit Current- $I_{sc}$ (A)	10.4 A
Module Efficiency $\eta_m$ (%)	20.3%
STC: Irradiance 1000W/m <sup>2</sup> , Cell Temperature 77°F, Air Mass AM1.5	

## MECHANICAL DATA

Solar Cells	Monocrystalline 155.57 × 155.57 mm (6.125 inches)
Cell Orientation	60 cells (6 × 10)
Module Dimensions	65.2 × 39.2 × 1.57 in
Weight	40.5 lb (18.3 kg)
Glass	3.2 mm (0.13 inches), High Transmission, AR Coated Tempered Glass
Backsheet	Black
Frame	Anodized Aluminium Alloy Black
Junction Box	IP 65 or IP 67 rated
Cables	Photovoltaic Technology Cable 4.0mm <sup>2</sup> (# 12 gauge), 35 inches (900 mm) Length
Connector	MC4

## TEMPERATURE RATINGS

NOCT (Nominal Operating Cell Temperature)	113 ± 35°F
Temperature Coefficient of $P_{MAX}$	-0.39%/°F
Temperature Coefficient of $V_{oc}$	-0.29%/°F
Temperature Coefficient of $I_{sc}$	0.05%/°F

## MAXIMUM RATINGS

Operational Temperature	-40 ~+ 185°F
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	20A

## WARRANTY

25 year Limited Output Power Warranty

(Please refer to product warranty for details)