MEGA 335
335 WATT SOLAR PANEL

335 WATT
MAXIMUM POWER OUTPUT

60 CELL
MONOCRYSTALLINE MODULE

0~+5W
POSITIVE POWER TOLERANCE

20.3%
MAXIMUM EFFICIENCY

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
### ELECTRICAL DATA (STC)

- **Peak Power Watts-Pmax (Wp)**: 335 W
- **Power Output Tolerance-Pmax (W)**: ±5 W
- **Maximum Power Voltage-Vmp (V)**: 41.6 V
- **Maximum Power Current-Imp (A)**: 9.85 A
- **Open Circuit Voltage-Voc (V)**: 41.6 V
- **Short Circuit Current-Isc (A)**: 10.4 A
- **Module Efficiency ηm (%)**: 20.3%

STC: Irradiance 1000W/m², Cell Temperature 77°F, Air Mass AM1.5

### MECHANICAL DATA

- **Solar Cells**: Monocrystalline 166 x 83 mm (6 inches)
- **Cell Orientation**: 60 cells (6 x 10)
- **Module Dimensions**: 65.2 x 39.2 x 1.37 in
- **Weight**: 40.5 lb (18.3 kg)
- **Glass**: 3.2 mm (0.13 inches), High Transmission, AR Coated Tempered Glass
- **Backsheet**: White
- **Frame**: Anodized Aluminium Alloy Black
- **Junction Box**: IP 65 or IP 67 rated
- **Cables**: Photovoltaic Technology Cable 4.0mm² (#12 gauge), 35 inches (900 mm) Length
- **Connector**: MC4

### TEMPERATURE RATINGS

- **NOCT (Nominal Operating Cell Temperature)**: 113±35°F
- **Temperature Coefficient of Pmax**: -0.39%/°F
- **Temperature Coefficient of Voc**: -0.29%/°F
- **Temperature Coefficient of Isc**: 0.05%/°F

### MAXIMUM RATINGS

- **Operational Temperature**: -40 to 119°F
- **Maximum System Voltage**: 1500VDC
- **Maximum Series Fuse Rating**: 20A

### WARRANTY

25 year Limited Output Power Warranty

(Please refer to product warranty for details)

### CURVE CHARACTERISTICS

[Graph showing UV Power vs. UV Current]