



6" Monocrystalline Half-Cut 60 cells

Power Output: **335 Watt**
Max. Efficiency: **19.8%**

Black Series



High Mechanical Load

Certified to withstand high wind and snow loads up to 5400Pa



Enhanced Performance

Half cut cell feature allows a power increase of at least 5Wp vs. standard modules



Anti-reflective Surface

Increases the panel's exposure and efficiency of converting sunlight into energy



High Efficiency & PERC

Monocrystalline cells (with the option of PERC) allows a higher yield



Lower Hot Spots

Half cut design reduces energy loss caused by shading between modules



Salt Mist and Ammonia Resistant

Certified by Bureau Veritas to withstand usage near coastal environments



PID free

Designed to minimise cell degradation in extreme environments

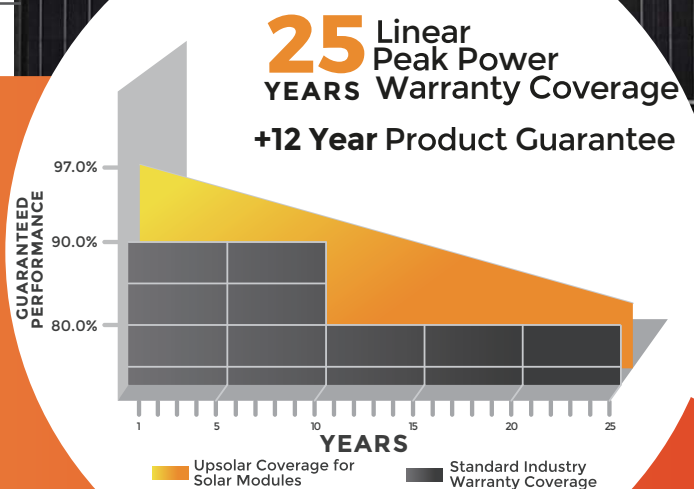


Secure Investment

Upsolar provides exceptional product coverage for all modules to ensure our customers achieve superior long-term value from their solar installations. To further improve our product warranty, which covers unanticipated module damage, we've recently expanded our terms from a 10-year period to a 12-year period.

In addition, Upsolar offers a 25-year performance guarantee known as the Linear Module Warranty. Whereas traditional policies feature a single trigger point leading to drastic coverage reductions after just 10 years, Upsolar's coverage more accurately corresponds to system performance, providing coverage for over 25 years.

Overall, our goal is to deliver not only top-notch modules, but also peace of mind, for decades to come.



Mono Series | 6" Half-Cut 60 cells

Electrical Characteristics

Black Series

MODEL	99 525 27 (UP-M335MH)
Max Power Pm (Wp)	335
Max Power Voltage Vm (V)	33.8
Max Power Current Im (A)	9.91
Open-Circuit Voltage Voc (V)	41.4
Short-Circuit Current Isc (A)	10.40
Module Efficiency	19.8%
Maximum System Voltage (V)	1000(IEC)/1000(UL) or 1500(IEC)/1500(UL)
Power Tolerance	0/+3%
Series Fuse Rating (A)	20A

STC: Irradiance 1000 W/m², Module temperature 25°C, AM=1.5

Components & Mechanical Data

Front Glass	High Transparency Tempered Glass 0.125" // 3.2 mm
Junction Box	IP 67 or above
Bypass Diode	3 diodes
Output Cables	IEC, UL approved (4 mm ² , 12AWG) (PV Wire Type)
Connectors	MC4 compatible (IP67, IEC and UL approved)
Frame	Anodized aluminium alloy type 6063-T5
Encapsulation Material	EVA
Back Sheet	Black multilayer polymer film
Temperature Range	-40°F to +194°F // -40°C to +90°C
Max Load	75 lbs / ft ² (UL Standard) // 5400 Pa (IEC Standards)
Impact Resistance	Steel ball - 1.18 lbs // 535 g dropped from 51" // 1.3 m high

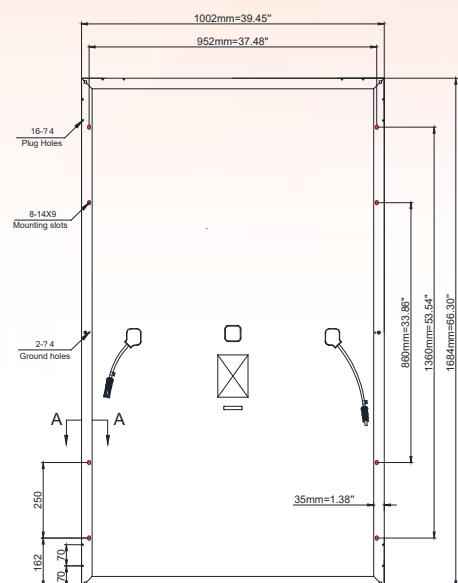
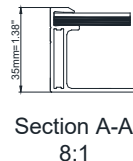
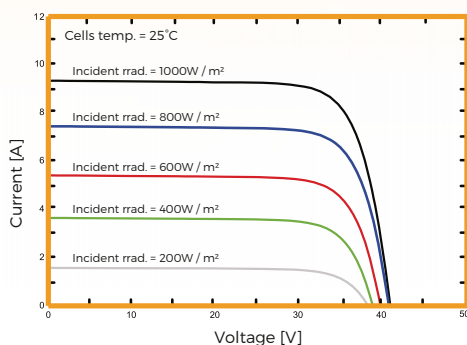
Specifications

Cells	Mono PERC 158.75 x 158.75
Number of Cells	120 (6 x 20)
Dimensions (in // mm)	66.39 x 39.50 x 1.38 // 1684 x 1002 x 35
Weight (lb // kg)	41.9 // 19.0

Temperature Coefficients

NOCT (°C)	43 ± 2
Temperature Coefficients of Isc (% / °C)	0.048 ± 0.01
Temperature Coefficients of Voc (% / °C)	-0.30 ± 0.02
Temperature Coefficients of Im (% / °C)	-0.02 ± 0.02
Temperature Coefficients of Vm (% / °C)	-0.40 ± 0.03
Temperature Coefficients of Pm (% / °C)	-0.38 ± 0.05

IV Curves



Backview