



# 6" Monocrystalline Half-cut 120 cells

Power Output: **325-350 Watt**  
Max. Efficiency: **20.7%**



**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



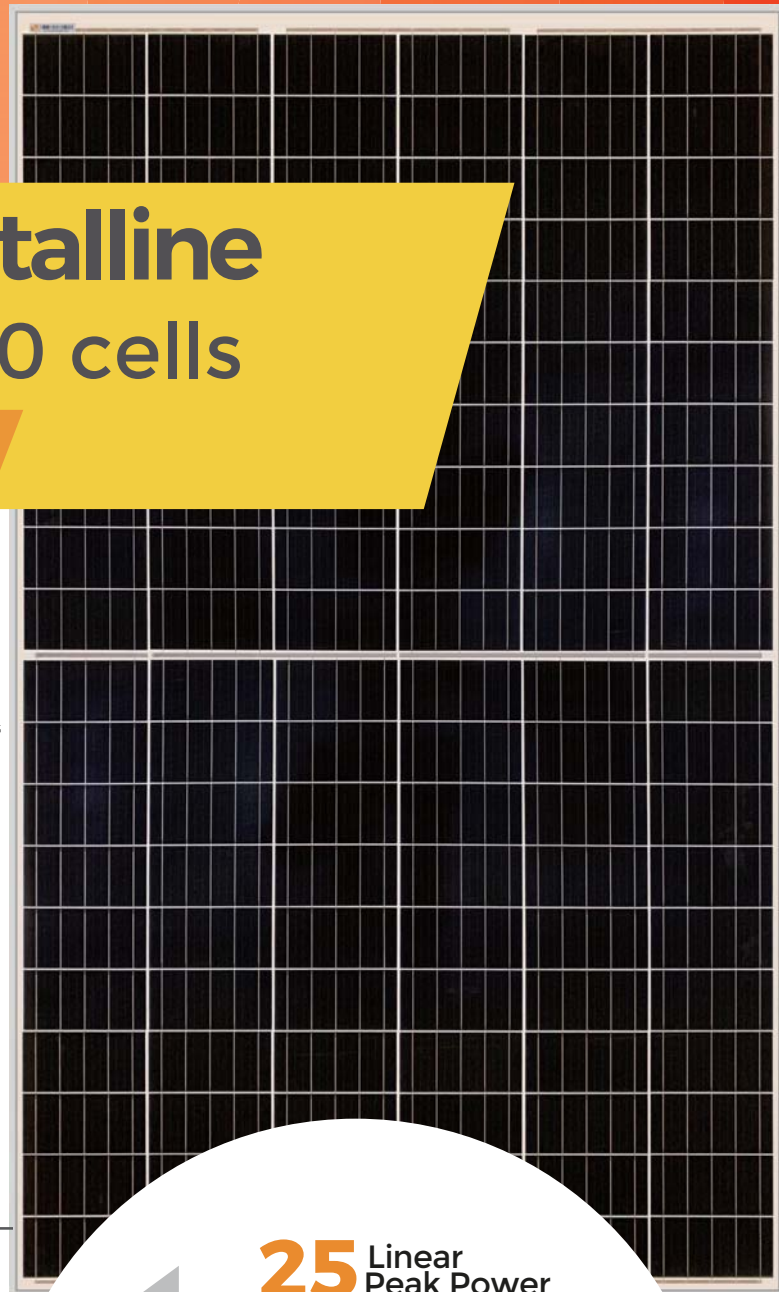
**Lower Hot Spots**  
Half cut design reduces energy loss caused by shading between modules



**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

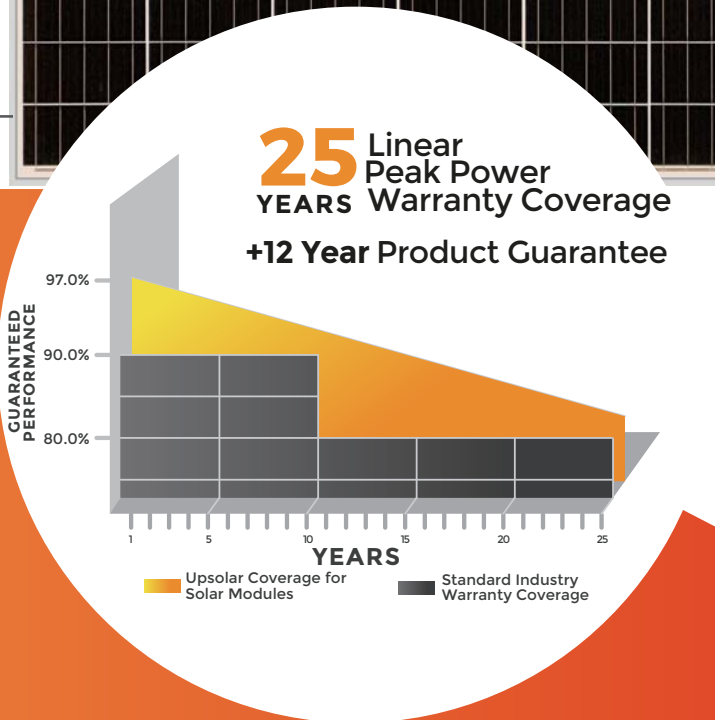


## Secure Investment

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.



\*Upsolar has expanded its manufacturing operations in Asia, Europe and North America, keeping its modules duty-free in the event of new CVD or AD policies. Please ask about pricing, payment terms and conditions to meet your needs.

# Mono Series | 6" Half-cut 120 cells

## Electrical Characteristics

| MODEL                         | UP-M325MH                                | UP-M330MH | UP-M335MH | UP-M340MH | UP-M345MH | UP-M350MH |
|-------------------------------|--|-----------|-----------|-----------|-----------|-----------|
| Max Power Pm (Wp)             | 325                                      | 330       | 335       | 340       | 345       | 350       |
| Max Power Voltage Vm (V)      | 33.4                                     | 33.6      | 33.8      | 34.0      | 34.2      | 34.4      |
| Max Power Current Im (A)      | 9.73                                     | 9.82      | 9.91      | 10.0      | 10.09     | 10.17     |
| Open-Circuit Voltage Voc (V)  | 40.9                                     | 41.2      | 41.4      | 41.7      | 41.9      | 42.2      |
| Short-Circuit Current Isc (A) | 10.20                                    | 10.30     | 10.40     | 10.50     | 10.60     | 10.70     |
| Module Efficiency             | 19.2%                                    | 19.5%     | 19.8%     | 20.1%     | 20.4%     | 20.7%     |
| 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/m<sup>2</sup>, 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 <sup>2</sup> , 12AWG) (PV Wire Type)       |
| Connectors             | MC4 compatible (IP67, IEC and UL approved)                        |
| Frame                  | Anodized aluminium alloy type 6063-T5, silver or black            |
| Encapsulation Material | EVA   |
| Back Sheet             | White multilayer polymer film                                     |
| Temperature Range      | -40°F to +194°F // -40°C to +90°C                                 |
| Max Load               | 75 lbs / ft <sup>2</sup> (UL Standard) // 5400 Pa (IEC Standards) |
| Impact Resistance      | Steel ball - 1.18 lbs // 535 g dropped from 51" // 1.3 m high     |

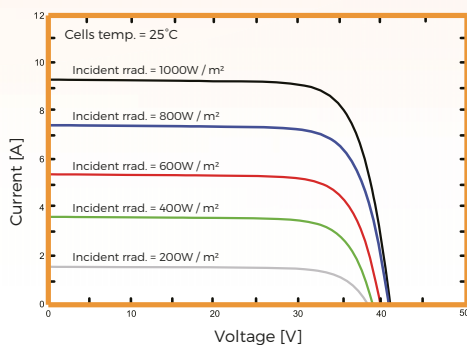
## Specifications

|                         |   |
|-------------------------|---|
| Cells                   | Mono PERC 158.75 x 79.375                   |
| Number of Cells         | 120 (6 x 20)                                |
| Dimensions ( in // mm ) | 66.39 x 39.50 x 1.38 //<br>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



## Options Available

- Black or transparent backsheet
- Customized cable length

