

# 6" Polycrystalline PV module 60 cells

## Key Features

-  **Not Subject to EU regulation\***
-  **High Quality Bill of Materials**
-  **Reinforced Module Warranty**
-  **Universal Design (residential, commercial, ground mounted)**
-  **Best seller for its performance/price ratio**



## Secure Investment

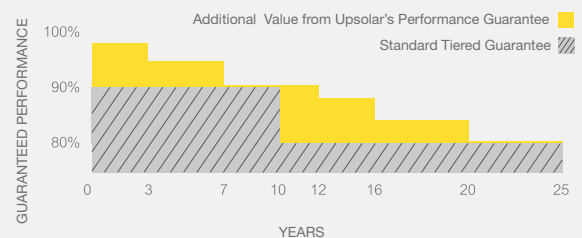
Upsolar provides industry-leading product coverage for all our modules to ensure our customers achieve superior long-term value from their solar installations. In addition to a 10-year product warranty, which covers unanticipated module damage, Upsolar implements a 25-year performance guarantee known as the Reinforced Module Warranty.

Whereas traditional warranties offer only two trigger points over 25 years, the Reinforced Module Warranty features six trigger points at years 3, 7, 12, 16, 20 and 25. Upsolar also maintains relationships with third-party insurance providers to offer an additional layer of protection for interested parties.



Upsolar has teamed up with PowerGuard Specialty Insurance Services to provide customers with a second level of product coverage. The 25-year, non-cancellable warranty is backed by PowerGuard's network of trusted providers, each rated A (Excellent) or better by A.M. Best, meaning the warranty stays in place with or without Upsolar's involvement.

## Product guarantee for 10 years Performance guarantee for 25 years



\*Products will not be subject to antidumping tariffs

Upsolar is not responsible for damages caused by errors or omissions on this data sheet. All information is subject to change without notice.

## Electrical Characteristics @ STC\*

MODEL	UP-M240P	UP-M245P	UP-M250P	UP-M255P	UP-M260P
Max Power Pm (Wp)	240	245	250	255	260
Max Power Voltage Vm (V)	30.2	30.4	30.6	30.8	31.0
Max Power Current Im (A)	7.95	8.06	8.17	8.28	8.39
Open-Circuit Voltage Voc (V)	37.6	37.8	38.0	38.2	38.4
Short-Circuit Current Isc (A)	8.40	8.45	8.50	8.55	8.60
Module Efficiency	14.8%	15.1%	15.4%	15.7%	16.0%
Maximum System Voltage (V)	1000(IEC)/1000(UL)				
Power Tolerance	±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 65 or above
Bypass Diode	3 diodes
Output Cables	1.0 m // IEC, UL approved (4 mm <sup>2</sup> , 12AWG) (PV Wire Type)
Connectors	MC4 (IP67, IEC and UL approved)
Frame	Anodized aluminium alloy type 6063-T5
Encapsulation Material	EVA (0.018" // 0.45 mm ± 0.001" // 0.03 mm thickness)
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 Standard)
Impact Resistance	Steel ball - 1.18 lbs // 535 g dropped from 51" // 1.3 m high

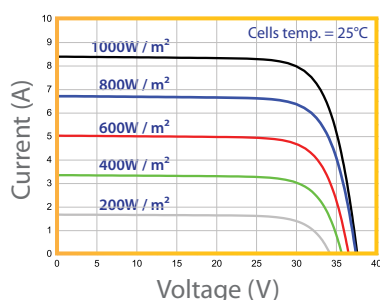
## Specifications

Cells	Polycrystalline silicon solar cells 6" x 6" // 156 mm x 156 mm
Number of Cells	60 (6 x 10)
Dimensions (in // mm)	64.57 x 39.06 x 1.57 // 1640 x 992 x 40
Weight (lb // kg)	41.9 // 19.0

## Temperature Coefficients

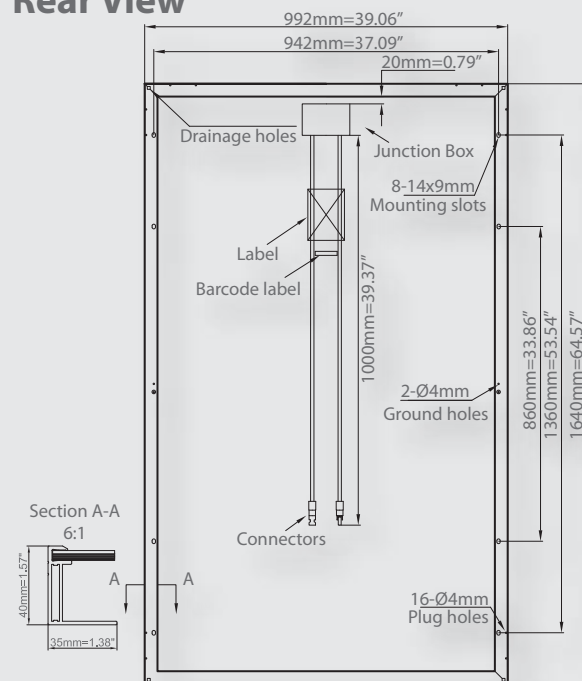
NOCT (°C)	45 ± 2
Temperature Coefficients of Isc (% / °C)	0.05 ± 0.01
Temperature Coefficients of Voc (% / °C)	-0.30 ± 0.02
Temperature Coefficients of Im (% / °C)	-0.02 ± 0.02
Temperature Coefficients of Vm (% / °C)	-0.42 ± 0.03
Temperature Coefficients of Pm (% / °C)	-0.43 ± 0.05

## IV Curves



● Deviation of Vm (V), Im (A), Voc (V) and Isc (A) of ±2.5%

## Rear View



## Options Available

Zep Frame	SolarEdge Integrated
Solrif Frame	Frameless
Tigo Integrated	35mm Frame