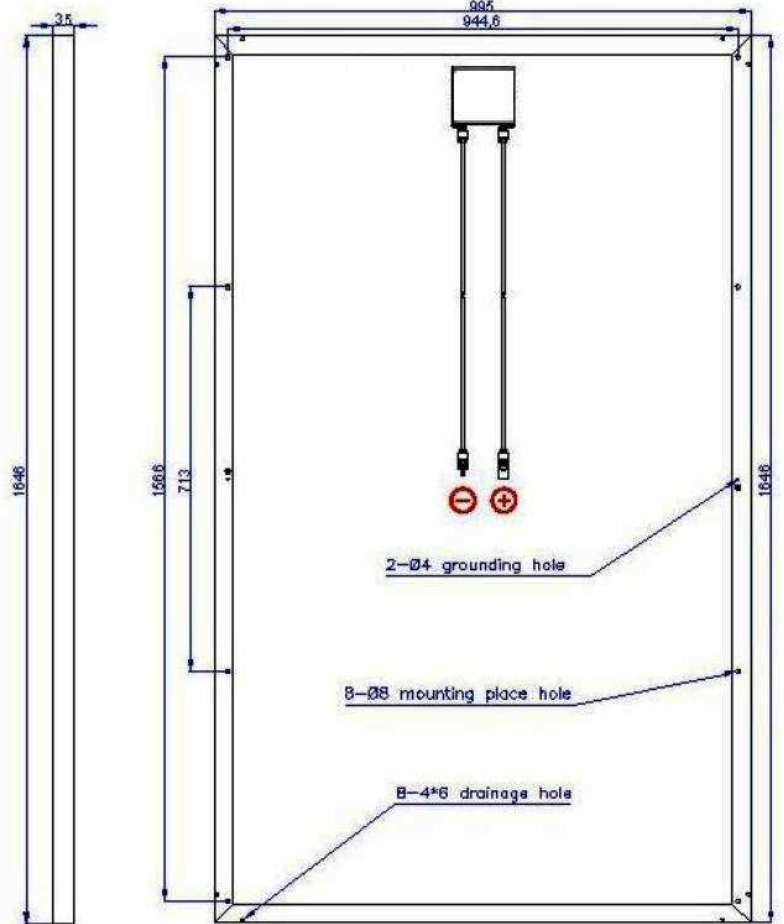
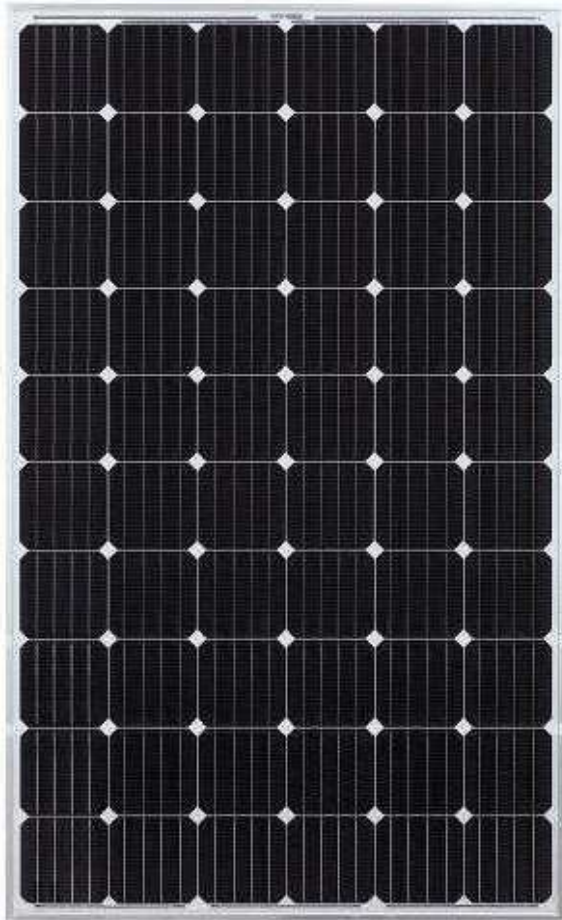




# ATUM SOLAR

## ATS-S610250 High Quality Mono –Crystalline Photovoltaic Module



### Specification

| Type Of Module                  | ATS-S610250 |
|---------------------------------|-------------|
| Maximum Power, Pmax [W]         | 250         |
| Tolerance [%]                   | Plus        |
| Open circuit Voltage, Voc [V]   | 37.72       |
| Short circuit Current, Isc [A]  | 8.57        |
| Maximum Power Voltage , Vmp [V] | 30.7        |
| Maximum Power Current, Imp [A]  | 8.15        |
| Module Efficiency [%]           | 15.26       |
| Series Fuse Rating [A]          | 15          |
| Terminal Box                    | IP65        |
| Maximum System Voltage [V]      | DC 1000     |
| Operating Temperature [°C]      | - 40 to 85  |

\* The measuring uncertainty of Pmax is  $\leq \pm 2\%$

## Feature

1. Highly efficient energy conversion.
2. High strength with wind and snow loads guaranteed up to 5400 Pascalt.
3. All manufactured modules are tested 100% by EL (Electro-luminescence) before and after lamination.
4. Waterproof (UL94, V-O ). Perfect for grid applications.
5. Plus tolerance for perfect performance.
6. Product guarantee 10 years.

## Electrical Characteristics

| Electric Performance Typical Performance Characteristics |         | Limited Warranty |          |
|--|---------|------------------|----------|
| Short Circuit Current Temperature Coefficient<br>mA/°C   | +4.7    | Product          | 10 years |
| Open Circuit Voltage Temperature Coefficient<br>V/°C     | -0.1238 | 90% Output Power | 10 years |
| Maximum Power Temperature Coefficient<br>%/°C            | -0.451  | 80% Output Power | 25 years |

## Best Quality and Reliability

1. Modules tested follow IEC61215, IEC61730-1 & 2 , to ensure the safety and performance.
2. Manufacturing facility certified to ISO 9001 Quality Management System standards.

### Physical Specifications

|        |                   |
|--------|-------------------|
| Length | 1646 mm / 64.8 in |
| Width  | 995 mm / 39.17 in |
| Depth  | 35 mm / 1.38 in   |
| Weight | 18.6 kg / pcs     |

### Packing Specifications

|                         |                 |
|-------------------------|-----------------|
| Modules Per carton      | 30 pcs / carton |
| Modules Per Pallet      | 30 pcs / Pallet |
| 20ft container Capacity | 360 pcs         |
| 40ft container Capacity | 840 pcs         |

## Atum Solar

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