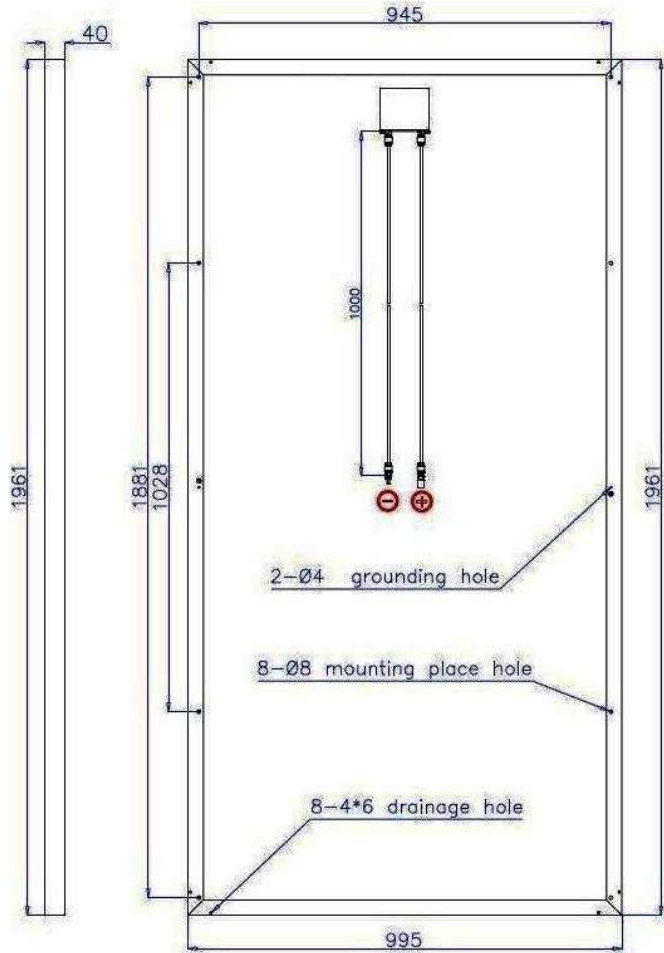
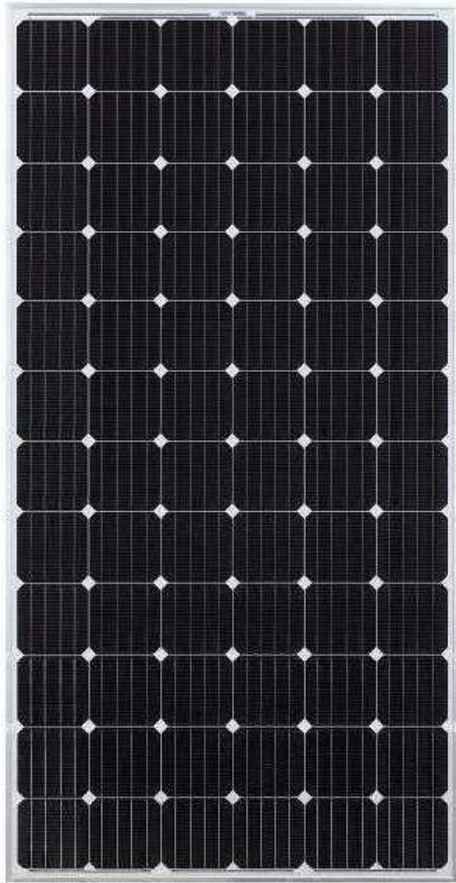




ATUM SOLAR

ATS-S612330 High Quality Mono –Crystalline Photovoltaic Module



Specification

| Type Of Module | ATS-S612330 |
|---------------------------------|-------------|
| Maximum Power, Pmax [W] | 330 |
| Tolerance [%] | Plus |
| Open circuit Voltage, Voc [V] | 46.54 |
| Short circuit Current, Isc [A] | 9.18 |
| Maximum Power Voltage , Vmp [V] | 38.55 |
| Maximum Power Current, Imp [A] | 8.59 |
| Module Efficiency [%] | 16.91 |
| 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 mA/°C | +4.7 | Product | 10 years |
| Open Circuit Voltage Temperature Coefficient V/°C | -0.1238 | 90% Output Power | 10 years |
| Maximum Power Temperature Coefficient %/°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 | 1961 mm / 77.2 in |
| Width | 995 mm / 39.17 in |
| Depth | 40 mm / 1.57 in |
| Weight | 22.6 kg / pcs |

Packing Specifications

| | |
|-------------------------|-----------------|
| Modules Per carton | 27 pcs / carton |
| Modules Per Pallet | 27 pcs / Pallet |
| 20ft container Capacity | 270 pcs |
| 40ft container Capacity | 594 pcs |

Atum Solar

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