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SP-290

300 Watt Solar Power Panel - 60 Cell Utility Module - Anodized Aluminum Frame

Product ID: 70396

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

SP-290 300W Solar Panel

Solar Cells: Monocrystalline 6 inches (156.75 x 156.75mm)
Panel Dimensions: 64.9"L x 39.1"W x 1.38"H
Cells Orientation: 60 Cells (6x10)
Weight: 41 lb
Ambient Operating Temperature: -40°C to +85°C
Maximum System Voltage: 1000V DC
Nominal Operating Cell Temperature (NOCT): 44°C
Temperature Coefficient of Pmax: - 0.40%/°C
Temperature Coefficient of Voc: - 0.31%/°C
Temperature Coefficient of Isc: 0.06%/°C
Peak Power Watts - PMAX (WP): 300
Power Output Tolerance - PMAX (%): 0 ~ +5
Maximum Power Voltage - VMP (V): 32.2
Maximum Power Current - IMPP (A): 9.33
Open Circuit Voltage - VOC (V): 39.5
Short Circuit Current - ISC (A): 9.84
Fuse Rating: 15 A
Module Materials: Andonized Aluminum, Black
Grounding: Grounding Points on Each Corner

Certifications

UL 1703 Certified and Registered
UL Module Fire Performance: Type 2
CEC
NEC2008 Compliant
IEC 61215/61730
ISO 14001
High Performance Under Low Light Conditions
Locking Connectors for Easy and Fast Connections
Can withstand 25mm hail stones @ 51mph

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The SP-290 300W Solar Panel from Larson Electronics is a high output module designed for ground-mount installations that you can trust. The UV-stabilized anodized aluminum frame is easy to install with easily

accessible grounding points on all four corners of the unit. The module`s 60-cell form factor is ideal for maintaining the lowest BOS costs where space is not a constraint. It is ideal for large scale installations and is certified to withstand challenging environmental conditions.

Please Note: Any free shipping offers do not apply to this solar panel

The SP-290 300W Solar Panel features modules that offer the highest average output of any crystalline module. The unit`s proven junction box technology has 12 AWG PV wiring and works with transformerless inverters. Locking plug-in connecters offer operators safe and quick connections.







Click Photos to Enlarge

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

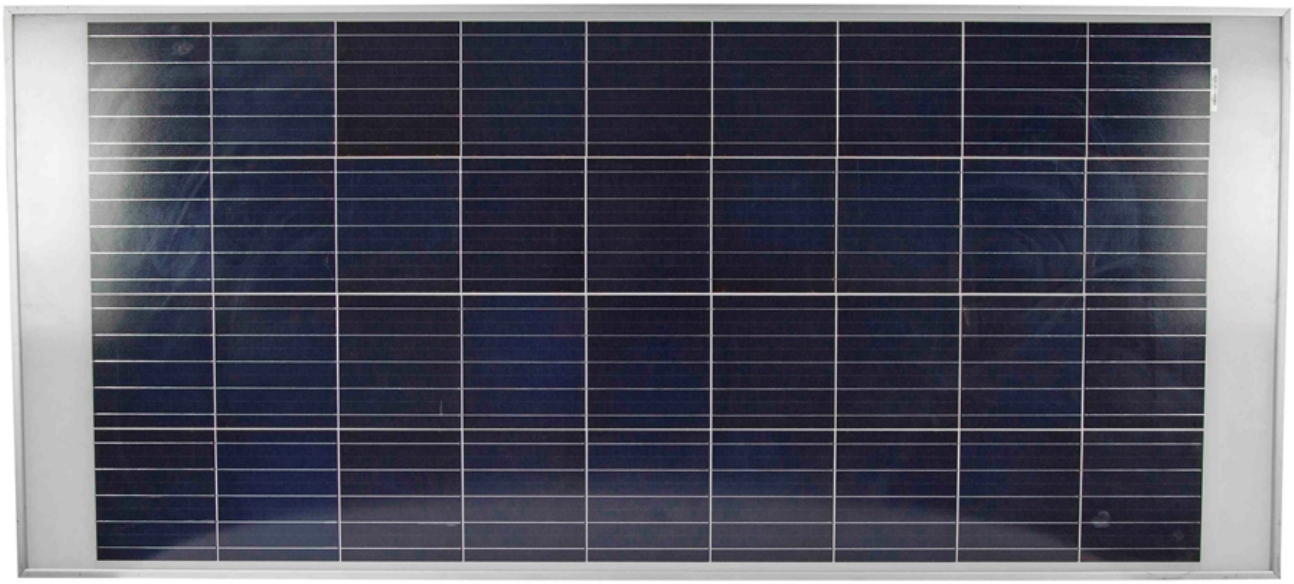
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Frequently Asked Questions (FAQ)

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**