

SPK-PM-1X-330W

330W Solar Panel - 72 Cell Module - Anodized Aluminum Frame - Mounting Kit

Product ID: 272412

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.

SPK-PM-1X-330W Solar Panel w/ Mounting Kit

Solar Cells: Mono-crystalline PERC 6.25" (158.75 x 158.75mm)

Panel Dimensions: 65.5" x 39.4" x 1.37"

Cells Orientation: 72 Cells

Weight: 39.7 lbs (Solar Panel Only)

Ambient Operating Temperature: -40°C to +85°C

Maximum System Voltage: 1500V DC

Nominal Operating Cell Temperature (NOCT): 45°C (+/- 2°)

Temperature Coefficient of Pmax: - 0.37%/°C

Temperature Coefficient of Voc: - 0.31%/°C

Temperature Coefficient of Isc: 0.05%/°C

Peak Power Watts - P_{MAX} (WP): 330W

Maximum Power Voltage - V_{MP} (V): 33.75V

Maximum Power Current - I_{MPP} (A): 9.78A

Open Circuit Voltage - V_{OC} (V): 41.3V

Short Circuit Current - I_{SC} (A): 10.32A

Panel Efficiency: 20%

Power Tolerance: +1.5%

Fuse Rating: 15A

Glass Type: 0.12" Thick Tempered, Anti-reflection Coating, High Transmittance, Low Iron

Ratings/Features

Withstands 2400 Pascal Windloads/5400 Pascal Snowloads

Weatherproof

Mounting Kit Included

Frame Material: Anodized Aluminum Alloy
Mounting: (4) Pole Clamps w/ Hardware
Junction Box Diodes: (3)
Connector Type: MC4
Cable Cross Section: 4mm²
Cable Length: 35.4" (900mm)

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

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E-mail: sales@larsonelectronics.com

The Larson Electronics SPK-PM-1X-330W Solar Panel is a high output module designed for pole-mounting installations in outdoor and remote locations. Equipped with a 72-cell form factor, the unit's anodized aluminum frame is easy to install in the field using an included mounting kit. This system uses a mounting solution that is light weight, durable and easy to ship.

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

The SPK-PM-1X-330W is a crucial component in solar-powered systems. The 330-watt solar panel features a 72-cell configuration with a module efficiency rate of 20 percent. At maximum power, the unit offers 33.75V and a current of 9.78A. This module features a 15A maximum fuse rating. The lightweight unit measures 65.5" x 39.4" x 1.37". This system comes with an IP67 rated junction box and a 35.4" cable for wiring connections. The unit is compatible with MC4 connectors.

Mounting: This unit comes with a mounting kit that allows the panel to be secured on poles measuring 2" - 6" in diameter. The kit includes four pole clamps and hardware. Mounting rails attach to the back of the solar panel for stability. Pole clamps are used to secure the railing components holding the solar panel to the pole. Operators can adjust the angle of the panel by moving the bottom pole clamp up and down until the desired position is achieved. After adjustment, simply tighten the bolts and clamps to complete the installation.

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.

Frequently Asked Questions (FAQ)





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Export Control Classification Number (ECCN): EAR99

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