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SPCC-IVT-4KW-24V-120.240V

Solar Inverter - 24V DC Input to 120/240V 1-phase - Pure Sine Wave - IP20

Product ID: 271801

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.

SPCC-IVT-4KW-24V-120.240V Pure Sine Wave Inverter

Unit Type: Solar Inverter
Dimensions: 16.5" x 13.4" x 7.6"

Weight: 60 lbs

Input Voltage Range: 24-34V DC (24V DC)

Output Voltage: 120/240V AC (1-phase/Split Phase)

Output Power (Continuous) @ 25C: 3,400W

Output Power (30 Minutes) @ 25C: 4,000W

Output Power (5 Seconds) @ 25C: 7,000W

Peak Current: 41A

Output Frequency: 50/60Hz Selectable

Output Wave Form: True Sine Wave

Optimal Efficiency: 92%

Idle consumption search mode: < 11W

Charge Control: 2 or 3 Stage

Charge Temperature Compensation: Yes, BTS Included

AC Input Power Factor: > 0.98

Charger Input Current: 13A

Charger Input Voltage Range Line to Neutral: 95 - 135V AC 1-phase, 170-270V AC

Ratings

IP20 Rated
Plug and Play

Dead Battery Charge: Yes

Tare Loss: 29W

Compatible Battery Types: FLA, GEL, AGM, Custom

Transfer Relay Rating: 30A

Transfer Time (AC to inverter and inverter to AC): <1 cycle (16.7 ms)
Ambient Operating Temperature: 20 °C to 60 °C

Materials: -

Mount: Vertical Wall Mount

Hubs: -

Color: White

Special Orders - Special Requirements
Contact us for special requirements

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The Larson Electronics SPCC-IVT-4KW-24V-120.240V Solar Inverter offers power conversion and handling for solar-powered systems. This compact, plug-and-play device is compatible with 24-34V DC input and features single-phase 120/240V AC output. Operators may mount the IP20 rated, pure sine wave unit vertically on walls.

The SPCC-IVT-4KW-24V-120.240V is a powerful, plug-and-play inverter for indoor sites. This unit accepts 24-34V DC input and provides single-phase 120/240V AC output with 41-amp peak current. The true sine wave unit offers 3,400W continuous output power at 92% efficiency. Featuring two or three stage charge control, the inverter is compatible with FLA, GEL AGM and custom battery types. This device is IP20 rated for indoor use.

Mount: The SPCC-IVT-4KW-24V-120.240V is designed for vertical wall mounting installations.

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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Product ID: 271801

Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**