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SPCC-IVT-10KVA-400V-208.240V-N4X

Solar Inverter - 400V DC Input to 208/240V 1-phase - Pure Sine Wave - N4X - IP65

Product ID: 317513



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-N4X Pure Sine Wave Inverter

Unit Type: Solar Inverter
Dimensions: 43.31" x 23.62" x 51.18"
Weight: 595.25 lbs

Input Voltage Range: 380-550V DC (400V DC)

DC Current: 20A

DC Power : 20,000W

MPPT Voltage Range: 160-500V

# of MPPT: 2

Max. Input Current per MPPT: 16A/16A

AC Output Voltage: 208/240V AC (1-phase/Split Phase)

Nominal Power@240V AC: 10,000W

Nominal Power@208V AC: 8660VA

Max. Apparent Power: 10000VA

Voltage Range @208V AC: 183V~229V/211V~264V

Max. Output Current: 42A

Frequency: 50/60Hz Selectable

Wave Form: True Sine Wave

Max Efficiency: 98.3%

CEC Efficiency @240V: 97.5%

THD: 3%

Idle Consumption: <11W (inverter off or search mode)

Ratings

IP65 Rated
Plug and Play

Charge Control: 2 or 3 Stage

Charge Temperature Compensation: Yes, BTS Included

AC Input Power Factor: > 0.99

Dead Battery Charge: Yes

Tare Loss: 29W

Cooling: Natural Convection

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: 25 °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-10KVA-400V-208.240V-N4X Solar Inverter offers power conversion and handling for solar-powered systems. This compact, plug-and-play device is compatible with 380-550V DC input and features single-phase 280/240V AC output. Operators may mount the IP65 rated, pure sine wave unit vertically on walls.

The SPCC-IVT-10KVA-400V-208.240V-N4X is a powerful, plug-and-play inverter for indoor sites. This unit accepts 380-550V DC input and provides single-phase 208/240V AC output with 42-amp peak current. The true sine wave unit offers 10,300W 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 IP65 rated for outdoor use.

Mount: The SPCC-IVT-10KVA-400V-208.240V-N4X 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.

Frequently Asked Questions (FAQ)