Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
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IND-SFC-3P-1100KVA-460-60HZ-415-50HZ

1100 KVA Solid-state Frequency Converter - 460V 60 Hz Input to 415V 50 Hz Output - Mobile w/ Wheels

Product ID: 304965

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

Image: IND-SFC-3P-1100KVA-460-60HZ-415-50HZ

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.

IND-SFC-3P-1100KVA-460-60HZ-415-50HZ Frequency Converter

Unit Type: Solid-state Static Frequency Converter
Dimensions: 60" x 60" x 80"
Weight: 4684.82 lb
Input Voltage: 460 V 3PH - 20% / +15% Delta 3P3W+G
Input Frequency: 45 - 65 Hz (Selectable) Wide Range Optional 40Hz - 70Hz
Capacity: 1100 kVA
Output Voltage: 415Vac 3P3W+G
Output Frequency: 50Hz ±0.5% Synchronous With the Network / "Optional 50Hz or 60Hz ±0.01% Battery Mode or 83Hz or 400Hz "
Max Output Current Capability: 1500A
Rectification: IGBT
Efficiency Ratio: Up to 95%
Load Stabilization Rate: < +/- 1%
Frequency Stability: < +/- 0.01%
Harmonic Distortion: Pure Sine Wave < 2%
4-digit Meters: Digital Frequency Meter- Resolution 0.1Hz/Step; Digital Voltage Meter- Resolution 0.1V; Digital Ammeter- Resolution 0.1A; Digital Watt Meter- Resolution 0.1W
Protection: Overload, Short Circuit, Over Temp, Instant Power Failure Protection, Alarm
Operating Temp: 0-40C

Features/Ratings

NRTL Listed to UL 508A
Advance Microprocessor Control
True Online Double Conversion
Smart Fan Control
Low Input THDi < 3%
RS232 Standart, RS485, SNMP Adapter Option & Dry Contact Card
ISO 9001 - ISO 14001 - ISO 18001
EN62040 -3 (VFI-SS-111)
EN62040 - 2 / EN62040 -1 EN60950

Special Orders - Special Requirements

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Protection & Insulation Class: IP54 & F Class
Temperature Rise Class: H
Humidity: 0-90% (Non-condensation)
Mounting: Mobile Cart w/ Wheels
Color: Anti-Static Paint Protection &0-95%

Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The IND-SFC-3P-1100KVA-460-60HZ-415-50HZ from Larson Electronics is a Solid-state Frequency Converter that is designed for voltage and frequency rectification in industrial locations. The 1100 kVA static converter comes with an input voltage/frequency of 460 V three-phase 60 Hz and an output voltage/frequency of 415 V three-phase 50 Hz. This unit is mobile via four wheels at the bottom of the enclosure.

The IND-SFC-3P-1100KVA-460-60HZ-415-50HZ can be used to accurately convert voltages and frequencies in industrial sites. This 1100 kVA unit offers 460 V three-phase 60 Hz on the input side and 415 V 50 Hz on the output side. During operation, rectification is completed via IGBT. The static frequency converter provides robust microprocessor control, true online double conversion and active input power factor correction.

This solid-state frequency converter is equipped with several protective features, including overload, short circuit, over temp, instant power failure connection and alarm. For efficient operation, the unit features smart fan control and ultra high efficiency (98% in Smart Eco Mode). Operators are provided access to a panel, which houses various controls for meters. Available meter components include digital frequency meter, digital voltage meter, digital ammeter and digital watt meter.

Mounting: The IND-SFC-3P-1100KVA-460-60HZ-415-50HZ is secured inside a mobile enclosure with wheels for seamless mobility around the work site.

Applications: Industrial facilities, laboratories, air compressor testing, power supply testing, motor equipment testing, quality assurance, lighting systems and more.

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)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/304965.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/304965.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/304965.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/304965.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/304965.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/304965.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/304965.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/304965.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/304965.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/304965.JPG)
- **Video1**(https://www.youtube.com/watch?v=jVnTdFuOqt0)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)