

MT-IVT-300VDC.480VAC-30KW-480VAC-R2

30KW DC to AC Inverter - 300V DC Input / 480V AC Input to 480V AC - 3PH - IP20

Product ID: 324894



Image: MT-IVT-300VDC.480VAC-30KW-480VAC-R2

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.

MT-IVT-300VDC.480VAC-30KW-480VAC-R2 - DC to AC Inverter Charger

Unit Type: DC to AC Inverter Charger
Dimensions: 79 × 72 × 121 cm (31.10" × 28.35" × 47.64")
Weight: 290 Kg (639.34 lbs)
DC Input Voltage: 300V DC
AC Input Voltage: 480V AC
Output Power: 30 kW Continuous
Output Current: 36.1 A per Phase
Output Voltage: 480V AC, 3-Phase
Frequency: 60 Hz
Waveform: True Sine Wave
Protection: Short Circuit, Overload, Over Temperature, High Battery, Low Battery
Protection Level : IP20
Operating Temperature: -25°C to +50°C

Ratings/Features

IP20
CE
RoHS
ISO 9001

Special Orders - Special Requirements

Contact us for special requirements
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The Larson Electronics MT-IVT-300VDC.480VAC-30KW-480VAC-R2 DC to AC Inverter converts DC input to AC output in industrial sites. This power converter is rated at 30,000 watts continuous and offers 300V DC / 480V AC input and 480V AC output, 60 Hz. The IP20 rated device offers the following protective features: short circuit, overload, over temperature, high battery and low battery.

The MT-IVT-300VDC.480VAC-30KW-480VAC-R2 provides a safe and effective way for operators to utilize 300V DC / 480V AC sources and convert them into usable 480V AC power.

Rated at 30 kW continuous, this inverter delivers clean three-phase output and incorporates built-in protective features, including short circuit, overload, over temperature, high battery, and low battery safeguards.

This DC to AC inverter charger operates within a -25°C to 50°C temperature range and carries an IP20 protection rating. The unit supports secure wiring inside the enclosure and is designed for surface or wall-mounted installations.

Wiring/Connections: AC connections can be completed inside the unit. This inverter accepts 70 mm² minimum cable size.

Mounting: The MT-IVT-300VDC.480VAC-30KW-480VAC-R2 caters to surface and wall mounting applications via openings on the back of the transformer.

Applications: Power conversion, DC to AC inverter systems, solar-powered setups, backup power supply, industrial equipment, and engine room operations.

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Frequently Asked Questions (FAQ)

There are no Faqs