

MT-IVT-24VDC-2000VA-120VAC-R1

2000W Step Up Transformer - 24V DC to 120V AC - 50/60Hz - (2) GFCI Receptacles - Surface Mount

Product ID: 222489

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.

1MT-IVT-24VDC-2000VA-120VAC-R1 - DC to AC Step-up Transformer

1#000000Unit Type: Step Up Transformer
1#000000Dimensions: 10.04" x 6.22" x 18.19"
1#000000Weight: 22 lbs
1#000000Line In Voltage: 24V DC (21V DC - 33V DC)
1Line Out Voltage:1 120V AC (+/- 5% - 100V AC, 110V AC, 115V AC, 120V AC)
1Rated Power: 120100W
1Output Frequency: 50/60 Hz (+/- 5%)
1Waveform:1 Pure Sine Wave
1Efficiency:1 90%
1No Load Power Consumption @ Save Mode:1 < 0.1A @ 24V DC
1No Load Power Consumption @ No Load Mode:1 1< 1.0A @ 24V DC
1Full Load Efficiency:1 91%
1Input Under Voltage Protection:1 21V $\pm$ 0.5V DC
1Input Under Voltage Alarm:1 22V DC $\pm$ 0.5V DC
1Input Under Voltage Recovery:1 25V DC $\pm$ 0.5V DC
1Input Over Voltage Protection:1 33V DC $\pm$ 0.5V DC
1Input Over Voltage Recover:1 29V DC $\pm$ 0.5V DC
1Output Overload/Short: 1Shutdown Output Voltage, Restart to Recovery

1Ratings/Features

1Certified FCC Class A
1DIP Switch Selectable Output Voltage/Frequency
1Adjustable Power Saving Mode
1Advanced Microprocessor
1Fully Isolated Input/Output

1DC Input Reverse Polarity: 1Fuse
1LED Indicators: 1(3) Input Voltage Level, Output Load Level, Faulty Status
1Cooling: 1Temperature/Load Controlled Cooling Fan
1Input Protection: 1Reverse Polarity (Fuse), Under Voltage, Over Voltage
1Output Protection: 1Short Circuit, Overload, Over Temperature
1Surge Protection: 141000W for 1 Minute

1Operating Temp: 1-20°C to +40°C

1Storage Temp: 1-30°C to +70°C

1Storage Temp Humidity: 110 to 95% RH

141Materials: 1-

141Mount: 1Surface

141DC Input:1 +/- Terminals (#1/0 AWG)

141AC Output:1 Hard Wire

141Color:1 Blue, Black

1Special Orders - Special Requirements

1Contact us for special requirements

1Toll Free:1 1-800-369-6671

1Intl:1 1-903-270-1187

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1E-mail:1 sales@larsonelectronics.com



Frequently Asked Questions (FAQ)

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Product ID: 222489

Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)